

AD-A146 918

POPE AIR FAYETTEVILLE NORTH CAROLINA REVISED UNIFORM
SUMMARY OF SURFACE W. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JUN 84

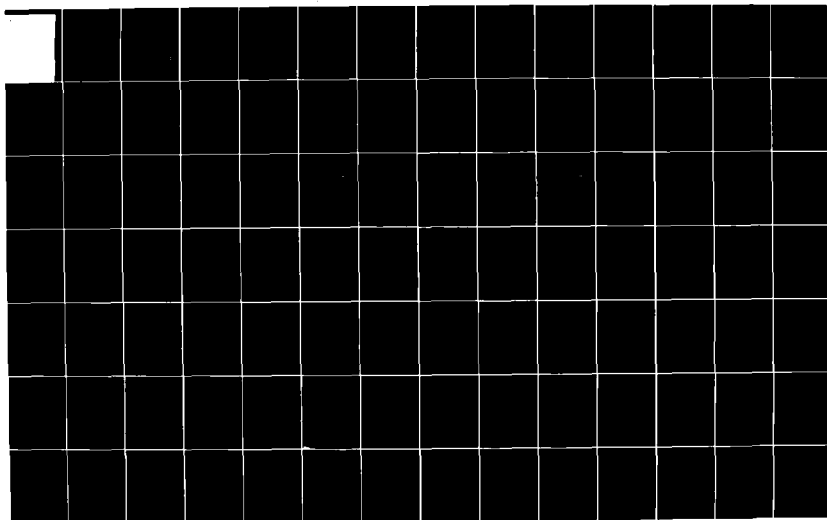
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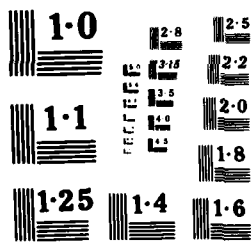
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12 JUN 1984

REVISED L. REFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

10PL AFB NC
R 35 10 W 079 01 ELEV 218 FT MJC #723030
PARTS A-F HOURS SUMMARIZED: 0000Z - 2300Z
PERIOD OF RECORD:
HOURLY OBSERVATIONS: DEC 73 - NOV 83
SUMMARY OF DAY DATA: JUL 37 - JUL 38, SEP 38 - NOV 83
TIME CONVERSION GMT TO LST: -5

05 NOV 1984

"Approved for Distribution Unlimited."

FEDERAL BUILDING
ASHEVILLE, N. C.

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REVIEW AND APPROVAL STATEMENT

This report, OASSTAC DR-44700, is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or to Defense Technical Information Center (DTIC), to the National Technical Information Service (NTIS).

This technical report has been reviewed and is approved for publication.

Wayne E. McCollom

WAYNE E. MCCOLLOM
Chief, Document Reference Section
OASSTAC/DIA

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1. REPORT NUMBER USAFETAC/DS-	2. GOVT ACCESSION NO. ADA146918	3. RECIPIENT'S CATALOG NUMBER															
4. TITLE and Subtitle Revised Uniform Summary of Surface Weather Observations (RUSSWO)- 1. FL AFB, DAYTONVILLE, GEORGIA 31517		5. TYPE OF REPORT & PERIOD COVERED Final rept.															
7. AUTHOR		6. PERFORMING ORG. REPORT NUMBER															
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		8. CONTRACT OR GRANT NUMBER(s)															
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS															
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE JUL 74															
		13. NUMBER OF PAGES p. 320															
		15. SECURITY CLASS. (of this report) UNCLASSIFIED															
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.																	
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperature</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperature	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative humidity	*Climatological data	(over)
*RUSSWO	Daily temperature	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative humidity	*Climatological data	(over)															
22. ABSTRACT (Continue on reverse side if necessary and identify by block number) <p>This report is a six-part statistical summary of surface weather observations for 1. FL AFB, DAYTONVILLE, GEORGIA 31517</p> <p>It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)</p>																	

19. Percentge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

*

* NORTH CAROLINA

*

* DEPT. AND
* AIR FORCE

20. and dew-point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurrence tables.

UNCLASSIFIED

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as IATM or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number 0000, 000000 which will appear on future AWS standard products.

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DTIC TAB	<input type="checkbox"/>
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Dist	Avail and/or Special
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U. S. AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from records posted, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations on the similar reporting practices.

Note: Stations noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC DRY VS WET BULB

MEAN & STD DEV. (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2400 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

FEBRUARY _____

MARCH _____

APRIL _____

MAY _____

JUNE _____

JULY _____

AUGUST _____

SEPTEMBER _____

OCTOBER _____

NOVEMBER _____

DECEMBER _____

STATION NUMBER SUMMARY: STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
AFB, FORTYVILLE	N 35 10	W 079 01	218	POB	72303

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHIC LOCATION NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARD.	
1	AFB, FORTYVILLE	AAF	Jul 37	Mar 43	N 35 11	W 079 01	210	206	24
2	Same	Same	Apr 43	Dec 45	Same	Same	Same	Same	24
3	Same	Same	Jan 46	May 48	Same	Same	Same	Same	24
4	AFB, FORTYVILLE	AFB	Jun 48	Feb 53	Same	Same	Same	Same	24
5	Same	Same	Mar 53	Feb 55	Same	Same	199	199	24
6	Same	Same	Mar 55	Feb 68	Same	Same	218	Same	24
7	Same	Same	Mar 68	Dec 78	N 35 10	Same	Same	Same	24
8	Same	Same	Jan 79	Feb 81	N 35 10	Same	Same	198	24
9	Same	Same	Mar 81	Mar 84	Same	Same	Same	Same	Same

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jul 37	Located on hangar adjacent to base operations.	Anemometer	N/A	41 ft	
2	Apr 43	Same	Selsyn	ML144B	60 ft	
3	Jan 46	Same	Same	Same	50 ft	
4	Jan 48	Same	Same	Same	Same	
5	Mar 53	Located on top of control tower.	Same	Same	48 ft	
6	Apr 54	Same	Same	Same	57 ft	
7	Mar 56	Same	Same	Same	54 ft	
8	Mar 58	Located in the control tower.	Same	Same	68 ft	
9	Mar 61	Located 800 ft E of center of the active runway.	AN/GMQ-11	RO-2	13 ft	
10	Dec 61	Located 725 ft E of centerline and	Same	Same	Same	

USAFETAC

FORM 10-73

15/5 FCN BY NE END OF HWY 22, 0 19 10L A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Mar 64	Located 600 ft E of centerline and 22 ft S of NE end of rnwy 22.	AN/GMQ-11	RO-2	13 ft	
2	Mar 66	1. Same 2. Located 500 ft E of centerline, 950 ft N of SW end of rnwy 04.	Same Same	Same Same	Same Same	
3	Mar 68	1. Located 700 ft E of centerline, 22 ft S of NE end of rnwy 22. 2. Same	Same Same	Same Same	Same Same	
4	Mar 70	1. Same 2. Same	Same Same	RO-362 Same	Same Same	
5	Jul 70	1. Located 735 ft N of end of rnwy 23 2. Located 500 ft SE of centerline, 1082 ft from end of rnwy 05.	AN/GMQ-20 Same	Same Same	Same Same	
6	Dec 78	1. Same 2. Same	Same Same	Same Same	Same Same	
7	Feb 81	1. Located 800 ft S of NE end of rnwy 2. Located 500 ft E of SW of rnwy.	Same Same	Same Same	Same Same	
8	Mar 84	1. Same 2. Same	Same Same	Same Same	Same Same	

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".05" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorms, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 60 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

74-87
STATION NAME

POPE AFB NC

74-87

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LAST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02	.1	13.0	1.0	1.0		14.6	37.1	11.8			39.7	930
	03-05	.1	10.8	1.1	.8		12.4	26.1	15.7			39.4	930
	06-08		13.0	.2	2.2		14.3	16.5	15.2			29.9	930
	09-11	.1	11.1	.8	1.3		12.9	15.6	13.9		.1	28.8	930
	12-14	.2	11.4	.5	.4		12.2	17.5	10.3			26.3	930
	15-17	.1	11.8	.5	.6	.2	12.8	19.9	11.5			28.4	930
	18-20		10.5	.6	.1		11.3	22.3	8.2			28.6	930
	21-23	.2	14.4	1.2	.6		15.6	27.0	8.2			33.5	930
TOTALS		.1	12.7	.7	.9	.0	13.3	21.9	11.9		.0	31.7	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

221030 POPE AFB VC
STATION

STATION NAME

74-87

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS ULT	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HALE	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	00-02	.5	10.0	.7	2.0		12.4	24.2	19.1	.2	.7	38.5	946
	03-05	.8	10.0	.6	2.2		12.8	19.1	20.2	.1	.6	37.6	946
	06-08	.1	11.0		2.0		11.7	13.0	15.2		.5	27.2	846
	09-11	.1	10.2	.2	1.3		11.3	12.5	15.0	.2	.8	26.5	946
	12-14	.4	8.9		1.3		9.8	12.5	9.8	.2	.7	21.2	846
	15-17	.9	6.9	.4	1.7		10.5	13.1	9.0		.7	20.2	846
	18-20	.2	7.7	.7	1.5		9.5	15.2	10.9		.7	25.2	846
	21-23	.1	8.2	.7	1.4		10.2	19.4	11.6		.7	28.7	846
TOTALS		.4	9.2	.4	1.7		11.0	16.1	13.9	.1	.7	28.1	6768

WEATHER CONDITIONS

MAJ
MONTH

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

WEATHER CONDITIONS

721030
STATION

POPE AFB NC

STATION NAME

74-83

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	00-02	.1	5.7				5.7	21.9	14.6			32.2	900
	03-05		5.9				5.8	6.7	12.3		.2	18.1	900
	06-08		5.7				5.0	3.0	7.4		1.1	10.9	900
	09-11	.9	6.1		.3		6.2	3.8	7.7		1.3	11.9	900
	12-14	1.1	6.7				6.7	5.9	6.9		.2	12.6	900
	15-17	1.3	6.9				6.9	8.3	5.9			12.8	900
	18-20	.2	5.9				5.9	12.6	5.8			16.3	900
	21-23	.2	6.1				6.1	15.7	6.4			19.0	900
TOTALS		.5	6.0		.0		6.0	9.7	8.4		.4	16.7	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

WEATHER CONDITIONS

721030 POPF AFB NC
STATION

STATION NAME

74-83

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS 1-24	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN AND/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAY	00-12	.2	6.6				6.6	37.3	34.1			58.3	930
	03-05	.3	6.0				6.0	7.6	29.4			35.2	930
	06-08	1.5	6.0				6.0	3.1	20.9			23.9	930
	09-11	2.9	6.9				6.9	2.3	21.1			23.2	930
	12-14	4.5	8.7				8.7	4.6	20.4			23.9	930
	15-17	3.1	6.4				8.4	12.3	17.6			26.9	930
	18-2	.9	7.1				7.1	26.7	21.0			39.6	930
	21-23	.2	7.6				7.6	42.4	22.2			50.6	930
TOTALS		1.7	7.2				7.2	17.0	23.3			35.2	7447

WEATHER CONDITIONS

74-83

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCUPRENCCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LAST	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUN	00-02	.8	5.7				5.7	36.6	37.2			59.8	900
	03-05	.2	4.3				4.3	7.7	34.9			39.9	900
	06-08	2.2	5.6				5.6	1.9	29.2			30.7	900
	9-11	4.0	7.3				7.3	2.4	31.2			33.2	900
	12-14	3.8	5.7				5.7	4.3	38.0			33.4	900
	15-17	2.2	5.4				5.4	11.0	28.6			36.4	900
	18-21	1.3	3.2				3.2	23.6	26.0			42.4	900
	21-23	.7	4.4				4.4	39.7	26.9			53.7	900
TOTALS		1.9	5.2				5.2	15.9	30.5			41.2	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

727730
STATION

POPE AFB NC

STATION NAME

70-47

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS OBS	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREETAIL RAIN OR DRIZZLE	SNOW OR ICE	HAZE	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUL	00-22	.8	4.2				4.2	38.9	47.3			69.4	930
	03-05	.3	3.8				3.8	8.1	46.6			59.4	930
	06-08	2.8	4.8				4.8	1.7	42.1			43.1	930
	09-11	7.4	7.6				7.6	1.0	41.3			41.7	930
	12-14	6.1	7.7				7.7	4.0	43.1			45.5	930
	15-17	2.2	5.5				5.5	9.1	40.2			45.5	930
	18-2	1.2	4.8				4.8	20.5	39.8			51.3	930
	21-23	.9	4.5				4.5	41.3	42.6			64.7	930
TOTALS		2.7	5.3				5.3	15.6	42.9			51.3	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

722 30
STATION

POPE AFB NC

STATION NAME

74-87

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
AUG	00-02	.4	4.9				4.3	47.2	46.5			73.8	937
	03-05	.2	3.2				3.2	15.0	46.0			52.0	930
	06-08	1.9	6.1			.1	6.1	2.9	39.0			41.5	937
	09-11	6.9	8.7				8.0	2.7	41.9			44.3	937
	12-14	4.6	7.3				7.3	4.2	40.1			42.9	937
	15-17	2.7	5.7				5.7	11.7	37.8			44.5	937
	18-20	1.6	3.9				3.9	22.2	37.8			51.9	937
	21-23	.6	3.9				3.9	39.6	36.8			61.9	930
TOTALS		2.4	5.3			.0	5.3	17.6	40.7			51.6	7440

WEATHER CONDITIONS

SEP
MONTH

[illegible]

WEATHER CONDITIONS

OCT
MONTH

MONTH	HOURS EST.	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
OCT	00-0	.2	7.6				7.6	34.6	22.2			44.5	930
	03-05		5.8				5.8	10.3	22.9			30.1	930
	06-08	.2	4.7				4.7	3.7	14.8			18.4	930
	09-11	.1	5.7				5.7	3.3	14.9			18.2	930
	12-14	.1	5.8				5.8	4.6	12.6			16.5	930
	15-17	.2	5.9				5.9	9.2	14.8			20.5	930
	18-20	.1	5.9				5.9	19.4	16.1			26.3	930
	21-23	.1	6.8				6.8	32.2	17.5			38.8	930
TOTALS		.1	6.0				6.0	14.7	17.0			26.9	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

WEATHER CONDITIONS

722730 POPE AFB NC 74-87 NOV
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	00-01	.2	9.5				9.5	38.2	14.8			44.6	897
	03-05	.1	8.6				8.6	21.5	18.5			35.7	897
	06-08		7.8		.2	.2	7.9	15.6	11.5			29.3	897
	09-11		7.5		.2		7.5	9.0	10.5			18.3	897
	12-14	.1	9.8				9.8	12.0	8.6			18.1	895
	15-17		9.1		.1		9.2	16.3	8.5			21.8	894
	18-20	.1	10.3				10.3	23.9	8.1			28.1	894
	21-23	.1	9.7				9.7	29.5	8.9			33.1	894
TOTALS		.1	9.0		.1	.0	9.1	20.1	11.2			27.5	7165

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723030
STATION

POPE AFB NC

STATION NAME

73-82

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS OBS	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN AND/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	00-01	.1	11.7		.9		12.4	23.9	6.2			28.2	937
	03-05		12.7		.8		13.4	21.6	11.2			30.3	930
	06-08		13.1	.1	.9		14.0	15.1	9.6			23.0	930
	09-11	.2	13.0	.1	.2		13.3	12.8	7.4			19.2	930
	12-14	.2	10.4	.3		.1	10.9	15.4	5.6			19.5	930
	15-17	.1	10.9	.1	.3	.1	11.2	18.7	5.1			22.5	930
	18-20	.1	11.1	.2	.5		11.4	20.6	4.6			23.8	937
	21-23	.1	13.4	.1	.8		14.2	24.6	4.4			27.4	937
TOTALS		.1	12.0	.1	.6	.0	12.6	19.1	6.8			24.2	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72130 POPE AFB NC
STATION

STATION NAME

73-87

YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURLY OBS	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN, S. OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	ALL	.1	12.0	.7	.9	.0	13.3	21.9	11.9		.0	31.7	7440
FEB		.4	9.2	.4	1.7		11.0	16.1	13.9	.1	.7	28.1	6768
MAR		.5	10.1	.1	.6	.0	10.7	14.8	9.3	.1	.1	22.5	7440
APR		.5	6.0		.0		6.0	9.7	8.4		.4	16.7	7200
MAY		1.7	7.2				7.2	17.0	23.3			35.2	7440
JUN		1.9	5.2				5.2	15.9	30.5			41.2	7200
JUL		2.7	5.3				5.3	15.6	42.9			51.3	7440
AUG		2.4	5.3			.0	5.3	17.6	40.7			51.6	7440
SEP		.9	7.5				7.5	23.1	30.1		.0	45.6	7200
OCT		.1	6.0				6.0	14.7	17.0			26.9	7440
NOV		.1	9.0		.1	.0	9.1	20.1	11.2			27.5	7165
DEC		.1	12.0	.1	.6	.0	12.6	19.1	6.8			24.2	7440
TOTALS		1.0	7.9	.1	.3	.0	8.3	17.1	20.5	.0	.1	33.5	87613

USAFETAC FORM 0 10 5101 A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1234567890123456789012345678901234567890123456789012345678901234567

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $\frac{5}{8}$ mile.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIG WEATHER SERVICE/MAC

XX **WEATHER CONDITIONS** XXXXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

727030
STATION

FOPE AFB NC

STATION NAME

46-83

YEARS

ALL
MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS OF DAY	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN AND DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	DAILY	1.5	44.4	3.8	8.6	.3	42.4	44.4	47.3	.2	.1	62.7	1178
FEB		3.6	39.7	1.7	6.1	.4	40.6	42.4	47.3	.4	.1	61.6	1173
MAR		6.9	42.5	.7	3.1	.4	42.6	40.2	40.2	.2	.4	55.3	1178
APR		10.6	39.5		.2	.5	39.1	34.2	32.3		.1	45.0	1137
MAY		17.8	44.6			.5	43.5	49.8	41.9		.1	60.5	1177
JUN		24.3	45.0			.6	43.7	55.4	51.9		.4	68.4	1141
JUL		33.6	51.8			.5	52.9	58.4	54.9		.2	71.4	1177
AUG		26.0	46.4			.3	45.2	69.3	62.2			82.9	1178
SEP		12.4	36.6				36.2	66.6	57.0			76.2	1139
OCT		3.7	31.7				32.9	55.1	48.4			66.1	1176
NOV		2.4	33.8		1.2	.1	34.6	47.6	46.8			62.5	1140
DEC		1.1	37.7	1.3	4.3		37.6	41.8	42.5			58.7	1147
TOTALS		12.0	40.8	.6	2.0	.3	40.6	50.3	47.5	.1	.1	64.3	13840

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	"0.00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	"0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE".

Continued on Reverse Side

Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1946	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0630GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

723030
STATION

POPE AFB NC

STATION NAME

39-83

YEARS

MONTH	NONE	TRACE	AMOUNTS (INCHES)										PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
			1/16	1/8	1/4	3/8	1/2	5/8	3/4	1	1 1/4	1 1/2			MEAN	GREATEST	LEAST
JAN	57.0	11.8	2.6	4.5	4.1	6.6	6.2	5.0	2.2				31.2	1363	3.32	6.55	.89
FEB	56.4	10.4	1.7	5.1	2.8	7.6	6.8	5.4	3.7	.2			32.7	1243	3.74	7.86	.54
MAR	54.7	11.3	1.7	4.2	4.2	7.0	6.7	5.2	3.2	.1			32.6	1394	3.91	7.81	.86
APR	59.8	13.9	1.3	3.8	3.4	5.6	5.7	4.3	2.8	.1			26.4	1350	3.20	7.35	.42
MAY	55.5	13.5	2.1	5.7	2.6	6.0	6.6	5.5	2.5	.1			31.1	1394	3.58	7.97	.42
JUN	54.1	12.5	1.9	5.0	4.0	6.7	5.5	6.1	3.7	.4			33.3	1350	4.42	8.01	1.58
JUL	46.8	13.5	2.4	5.7	4.5	7.6	5.7	7.7	5.3	.8			39.7	1395	6.08	15.76	1.57
AUG	53.1	12.2	3.0	5.1	4.1	6.3	5.5	6.3	3.4	.9			34.7	1393	5.13	13.11	.91
SEP	62.7	10.9	1.6	4.7	2.6	4.7	4.3	4.7	3.0	.6			26.4	1350	3.91	17.01	.02
OCT	69.2	11.1	1.7	3.4	2.9	3.8	2.6	3.4	2.7	.5	.1		19.6	1395	2.89	10.40	.20
NOV	64.9	11.1	1.3	4.2	3.6	4.6	4.8	3.0	2.3	.2	.1		23.9	1349	2.93	10.00	.24
DEC	61.1	9.8	1.8	4.9	3.5	6.0	5.9	4.5	2.4	.1			29.7	1364	3.27	8.05	.28
ANNUAL	58.1	11.8	1.9	4.7	3.5	6.0	5.5	5.1	3.0	.3	.0		30.0	16340	4.38		

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

704130 ROPE AFB NC

39-33

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
39			.75	1.36	1.30	1.09	2.10	2.75	.86	.38	.34	.72	
40	.75	.79	1.68	1.63	.64	1.60	1.13	.74	1.73	.17	2.55	.73	2.55
41	.77	1.42	1.39	1.58	.32	1.62	2.67	1.65	.97	1.51	.25	2.43	2.67
42	.5	.70	1.63	1.45*	.74	.43	1.33	1.89	1.25	.60	.48	.89	1.89
43	1.23	.46	1.41	1.37	.93	1.64	2.01	1.61	3.31	.20	.90	2.03	3.31
44	1.69	2.18	1.85	1.90	1.73	1.00	2.19	1.78	1.62	1.74	1.21	1.02	2.19
45	.71	1.14	.52	.58	1.97	1.77	2.38	4.34	4.52	1.02	.63	2.35	4.52
46	.87	.81	.69	.83	1.02	1.32	1.49	.90	.78	1.58	.70	.78	1.58
47	1.45	.46	.66	1.43	.66	1.00	1.21	2.62	2.45	1.51	4.32	.54	4.32
48	1.20	.96	1.16	1.30	1.68	2.12	3.27	2.49	2.16	3.33	1.77	.73	3.33
49	.42	1.29	.42	1.46	1.65	1.22	2.06	4.06	.63	.74	1.28	.85	4.06
50	.48	.34	1.55	.72	1.25	1.14	2.13	2.85	.87	1.40	.65	.74	2.85
51	.31	.42	.91	1.20	.45	2.41	1.43	1.09	1.24	.52	.52	.54	2.41
52	.94	1.34	1.61	2.12	1.16	.99	1.48	4.31	.76	.89	2.20	1.27	4.31
53	1.01	1.40	1.74	1.13	.96	1.05	2.04	.48	1.85	.15	.46	1.54	2.04
54	2.24	.80	1.10	.70	.78	2.55	1.62	2.84	.68	5.08	.61	.89	5.08
55	.97	1.74	.49	1.06	1.11	1.02	2.90	3.94	2.68	.28	.95	.41	3.94
56	.64	1.14	1.38	1.88	1.71	1.36	1.64	1.61	1.83	1.34	.56	1.08	1.88
57	.52	2.95	.82	.96	2.33	1.68	.87	2.37	3.21	1.12	1.65	.71	3.21
58	1.51	1.34	1.25	1.97	2.56	1.02	1.69	2.56	.60	3.33*	1.28	2.40	3.33
59	.95	2.53	1.08	3.90	.90	1.81	2.62	.95	1.96	3.27	.65	2.57	3.90
60	2.04	2.42	1.86	.81	1.05	2.01	3.07	1.22	3.03	.60	.54	1.13	3.07
61	.88	1.86	2.41	1.31	.64	.96	2.90	1.55	.19	.67	1.34	1.33	2.90
62	1.17	1.92	1.23	1.12	.84	1.22	1.53	1.03	1.78	.82	5.16	1.14	5.16
63	1.33	1.03	1.42	.68	.75	1.45	1.43	1.36	1.98	.44	4.43	1.13	4.43
64	1.52	1.52	2.96	1.10	.63	1.31	1.27	2.36	3.24	3.54	.48	2.43	3.54
65	.60	1.73	1.19	.56	.37	1.60	3.83	1.75	.60	2.01	1.45	.11	3.83
66	1.15	1.63	1.56	.69	1.72	1.83	2.27	1.03	1.47	.60	.54	.74	2.27
67	.56	1.50	.30	1.59	.92	2.08	.74	2.75	2.10	.71	1.25	1.08	2.75
68	1.39	.72	.65	.47	.50	.82	1.75	.61	.02	3.82	1.07	.64	3.82
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

EXTREME VALUES

FROM DAILY OBSERVATIONS

723030 POPE AFB NC
STATION STATION NAME

20-61

▼ **▲**

24 HOUR AMOUNTS IN INCHES

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

723030 POPE AFB NC

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
30			1.70	2.30	7.70	7.70	7.70	7.70	2.22	.98	1.12	2.10	
40	3.14	2.47	3.56	2.71	2.71	7.70	7.70	7.70	2.55	.75	4.60	1.78	33.89
41	2.43	2.17	3.78	3.12	.42	4.70	7.70	4.25	2.73	2.45	.43	4.92	38.92
42	1.68	1.73	5.92	2.79*	7.60	1.70	7.85	7.54	3.77	1.42	.80	2.33	*76.10
43	3.21	1.08	3.89	2.58	1.87	7.70	6.05	7.46	5.03	.21	1.53	4.04	39.68
44	4.52	6.50	6.66	4.39	2.67	2.70	6.01	4.22	5.87	3.05	2.54	2.17	52.00
45	1.94	5.21	1.58	2.06	3.60	4.42	7.37	9.08	12.01	1.34	1.47	8.75	58.13
46	2.86	2.88	2.29	3.66	3.74	3.79	4.36	3.39	2.39	3.75	1.13	1.03	35.27
47	3.89	.54	2.07	4.74	2.52	1.76	4.56	8.00	5.24	4.92	1.00	1.61	49.85
48	3.72	4.26	4.96	3.60	7.18	4.13	10.06	6.11	5.55	4.86	6.19	3.41	64.03
49	1.25	2.79	1.31	4.78	3.97	6.44	5.71	10.56	1.95	2.10	2.47	1.45	44.78
50	1.95	1.24	3.72	1.53	5.01	6.46	10.20	4.23	2.30	3.70	1.26	2.50	44.10
51	1.14	1.08	2.77	3.06	1.04	7.44	4.67	3.23	4.03	.95	1.56	2.19	33.16
52	2.74	5.46	5.03	4.11	7.30	2.53	5.09	10.31	.84	1.20	3.26	2.78	46.65
53	2.67	4.51	5.70	3.07	2.44	4.48	3.09	.91	4.14	.21	1.88	5.85	38.95
54	6.36	1.65	4.15	1.81	3.13	5.35	3.67	5.70	1.29	5.66	1.41	2.63	42.81
55	2.93	2.42	2.74	3.16	3.12	2.73	7.75	17.11	6.96	1.02	2.13	1.17	48.54
56	1.38	4.95	2.87	3.15	3.38	3.34	7.14	6.83	5.18	4.13	2.32	1.64	46.31
57	1.50	5.26	4.40	2.14	6.67	6.36	1.57	3.84	10.20	2.30	9.66	3.25	56.15
58	4.21	4.77	3.75	6.67	7.97	2.92	4.33	5.97	.74	10.40*	1.35	4.54	*57.61
59	2.27	4.51	4.51	7.35	2.40	4.49	15.76	7.57	2.65	9.63	1.67	2.98	60.79
60	6.00	6.83	4.71	3.12	3.17	2.56	8.22	4.25	4.04	1.99	1.18	2.04	48.01
61	1.89	6.33	6.33	4.22	2.54	6.24	6.30	6.93	.44	1.26	2.37	3.53	48.38
62	3.90	3.53	3.85	3.41	2.31	6.86	5.00	2.18	5.87	1.28	7.92	3.41	49.52
63	4.54	3.21	3.46	2.47	2.83	3.52	6.38	3.61	4.92	.81	6.94	4.19	46.88
64	5.48	5.94	5.58	3.55	2.29	3.93	7.62	9.01	5.57	8.44	1.20	4.80	63.41
65	* 1.55	4.77	5.65	1.96	1.25	7.11	10.61	4.26	1.34	2.50	1.77	.28	*43.05
66	4.90	4.62	2.13	2.02	6.80	3.00	3.68	4.35	4.65	1.68	1.29	2.81	42.83
67	2.37	4.24	.86	2.58	3.81	5.01	3.87	9.53	4.28	.99	3.48	3.98	45.70
68	4.29	.91	2.16	1.85	1.60	3.01	7.30	2.11	.02	6.47	4.10	3.64	37.46
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

EXTREME VALUES

FROM DAILY OBSERVATIONS

37-53

YEARS

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

72730 POPE AFB NC

46-PT

STATION

STATION NAME

YEARS

PRE P	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	1-2.4	2.5-4.9	5.0-7.4	7.5-9.9	10.0-12.4	12.5-14.9	15.0-17.4	17.5-19.9	20.0-22.4	22.5-24.9	25.0-27.4			MEAN	GREATEST	LEAST
JAN	91.3	5.8	.9	1.0	.6	.1	.3	.1						3.0	1178	1.2	10.4	.0
FEB	93.6	4.5	.6	.7	.4		.2	.2						2.0	1073	1.1	11.1	.3
MAR	97.7	2.0	.2		.3	.1	.1	.1	.2					.9	1178	.9	11.2	.2
APR	99.8	.1		.1										.1	1140	TRACE	.8	.0
MAY	100.0														1178	.0	.0	.0
JUN	100.0														1140	.0	.0	.0
JUL	100.0														1178	.0	.0	.0
AUG	100.0														1178	.0	.0	.0
SEP	100.0														1140	.0	.0	.0
OCT	100.0														1177	.0	.0	.0
NOV	98.7	1.2	.1											.1	1140	TRACE	.1	.0
DEC	95.6	3.7	.1	.1	.2	.2	.1					.1		.7	1146	1.0	25.9	.3
ANNUAL	98.3	1.4	.2	.2	.1	.0	.0	.0				.3		.6	13846	4.2		

USAFETAC FORM 015-5 (OL A)
OCT 78

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS

72730 POPE AFB NC STATION NAME

46-83

YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
48	.7	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7
49	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	TRACE	.1
51	TRACE	.4	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	.4
52	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.1
55	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.1
56	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
57	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
58	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	23.0	23.0
59	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
60	.0	TRACE	5.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	8.0
61	1.6	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
62	1.7	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.7
63	TRACE	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.5
64	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
65	2.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
66	4.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.7
67	TRACE	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.4
68	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.6	1.6
69	TRACE	1.3	4.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.0
70	1.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.1
71	TRACE	TRACE	1.5	.0	.0	.0	.0	.0	.0	.0	TRACE	3.5	3.5
72	.7	.4	1.8	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.8
73	3.8	9.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	3.0	9.0
74	.1	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
75	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

EXTREME VALUES
SNOWFALL

FROM DAILY OBSERVATIONS.

46-23

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

720030 POPE AFB NC STATION NAME

46-83

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
46	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
48	1.0	5.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	7.1
49	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	TRACE	.1
51	TRACE	.4	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	.4
52	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
54	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.1
55	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.2
56	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
57	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
58	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	25.9	25.9
59	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
60	.0	TRACE	11.2	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	11.2
61	1.7	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6
62	2.0	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.1
63	TRACE	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.5
64	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
65	6.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2
66	10.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	10.4
67	TRACE	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.4
68	1.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.6	3.3
69	TRACE	2.4	4.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.4
70	1.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.1	3.1
71	TRACE	TRACE	3.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.5	6.5
72	.1	.4	1.8	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	2.2
73	7.5	9.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	3.0	19.5
74	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
75	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

XXXXXXXXXXXXXXXXXXXX
 EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXX
 MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

YEARS

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

723130
STATION

POPE AFB NC

STATION NAME

37-83

YEARS

PERIOD	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST	
	NONE	TRACE	04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504						OVER 504
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	94.9	2.0	1.3	.6	.7	.4	.1							3.2	1421			
FEB	96.5	1.2	.9	.5	.3	.4	.2							2.3	1299			
MAR	98.5	.4	.4	.5		.1	.1							1.2	1426			
APR	100.0														1380			
MAY	100.0														1426			
JUN	100.0														1380			
JUL	100.0														1453			
AUG	100.0														1422			
SEP	100.0														1410			
OCT	100.0														1451			
NOV	99.9	.1													1409			
DEC	98.2	.4	.4	.6	.1	.2	.1	.1						1.4	1424			
ANNUAL	99.1	.3	.2	.2	.1	.1	.1	.0						.7	16901			

USAFETAC FORM 0-15.3 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

12345678901234567890123456789012345678901234567890123456789012345678901234567890

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

723030 10PE AFB NC STATION NAME

37-83

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
37													
38		0	0	0	0	0	0	0	0	0	0	0	
39		0	0	0	0	0	0	0	0	0	0	0	
40		4 TRACE	0	0	0	0	0	0	0	0	0	0	
41		TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
42		TRACE	5	0	0	0	0	0	0	0	0	2	5
43		0	TRACE	0	0	0	0	0	0	0	0	3	7
44		0	0	0	0	0	0	0	0	0	0	0	0
45		0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
46		0	0	0	0	0	0	0	0	0	0	0	3
47		0	0	0	0	0	0	0	0	0	0	0	0
48		5	0	0	0	0	0	0	0	0	0	0	5
49		0	0	0	0	0	0	0	0	0	0	0	0
50		0	0	0	0	0	0	0	0	0	0	0	0
51		0	0	0	0	0	0	0	0	0	0	0	0
52		0	0	0	0	0	0	0	0	0	0	0	0
53		0	0	0	0	0	0	0	0	0	0	0	0
54		TRACE	0	0	0	0	0	0	0	0	0	TRACE	TRACE
55		TRACE	0	0	0	0	0	0	0	0	0	0	0
56		TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
57		TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
58		0	TRACE	0	0	0	0	0	0	0	0	14	14
59		0	0	0	0	0	0	0	0	0	0	0	0
60		0	0	0	0	0	0	0	0	0	0	0	0
61		0	1	0	0	0	0	0	0	0	0	0	1
62		0	0	0	0	0	0	0	0	0	0	0	0
63		TRACE	2	0	0	0	0	0	0	0	0	0	2
64		0	0	0	0	0	0	0	0	0	0	0	0
65		0	0	0	0	0	0	0	0	0	0	0	0
66		7	1	0	0	0	0	0	0	0	0	0	7
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OIA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

721030

POPE AFB NC

37-23

YEAR

DAILY SNOW DEPTH IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
67		2											2
68		0	0										0
69	TRACE	2	0								TRACE		2
70	TRACE	0									0		0
71		TRACE											0
72		0	1										1
73	7	9											9
74		0	0										0
75		0	0										0
76		0	0										0
77		0	0										0
78		2	1										3
79	TRACE	8											8
80	TRACE	3	11										11
81		0											0
82		0											0
83		TRACE	5										5
MEAN		.9	.7	.0	.0	.0	.0	.0	.0	.0	TRACE	.6	2.6
SD	1.715	2.740	2.100	.000	.000	.000	.000	.000	.000	.000	.000	2.168	1.354
TOTAL OBS	1421	1299	1426	1380	1426	1380	1453	1422	1410	1451	1409	1424	16901

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- * 1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- * 2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

723030 POPE AFB NC

47-55, 59-63

YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
47	WSW 40W	39W	61SSW	46SW	36SSW	77SSW	43NE	43W	28NNE	30SW	40WSW	27	W 51
48	WSW 27W	49W	43NNW	30S	71SSW	45SSW	47E	43WSW	27NNW	28SW	33S	71	SW 40
49	31NW	34NW	*35SW	*36W	41SW	39W	71S	36N	23S	26SSW	31NNW	26	W 41
50	31SSW	33W	40WSW	36NNW	29S	45S	39NW	35N	24N	*28S	36SW	72	S 45
51	24NW	40S	36SSW	39W	41SW	35NNW	30WSW	30NNE	21NNW	26S	31S	36	W 41
52	32W	39S	59S	37WSW	37SSW	28WSW	*44SSW	40SW	24NNE	29NE	35S	70	S 50
53	WSW 71SW	35SW	28W	78NNW	43NE	31NE	31WSW	36NNE	30NE	29WSW	48	WSW 48	
54	WSW*31SSW	33SW	36SSW	41W	34NNW	37W	46NW	44NNW	61SW	36N	*79	NNW 61	
55	44W	47SW	46WSW	56SSW	42W	42WSW	*35NNE	54NW	46SSW	36NNW	*26		
56					W	*23ENE	35NNW	36E	27W	26SW	36W	37	
57	27WSW	44E	*21							SW	*23SSW	25	
58	WSW	30SSW	*3E		W	*30	OWSW	*21WSW	*28N	*24SSW	*26S	*26	
59	73S	27WSW	78N	*73W	*73W	*13	NNW	*26W	*26NE	*20N	*33W	*28	
60	NNW	*27WSW	*37WSW	*39W	42SSW	*33NW	*27SW	*29W	37N	*24N	35NW	40W	29
61	WSW	*46E	*47SW	42NW	*29ENE	*27NNW	28SW	*27S	*46N	33NNE	29SW	31N	30
62	WSW	73SW	56W	73WSW	*40W	*42NNW	*49SW	56NNW	*39E	25NNW	*37NNW	*34NNW	*34
63	4NW	31SW	50WSW	38W	48NE	35NNE	*70N	42WSW	25W	27W	27SW	32ENE	29
64	WSW	71SSW	30SSW	37NNW	37W	34N	24NW	26N	23NNE	30SW	29SW	26WSW	*32
65	NNW	20NNW	60NNW	40N	24NW	28S	3623/	5223/	3332/	2525/	26 5/	3822/	44
66	29/	3232/	3631/	3324/	2921/	3726/	4221*	3020/	20 5/	1925/	29 9/	5122/	27
67	24/	3323/	3320/	3525/	39 4/	2324/	3722/	4429/	3033/	23 1/	2319/	3333/	70
68	27/	4022/	4022/	4225/	3225/	3425/	2927/	3617/	2235/	3634/	3029/	3633/	37
69	19/	3323/	7531/	37 3/	41 3/	3724/	4128*	2424/	3923/	4536/	3226/	3529/	40
70	4/	33 3/	5025*	40	21/	5420/	3227/	4618*	15 4*	21 1/	2622/	31 2/	31
71	11/	2626/	3722/	3928/	3633/	2927/	3432/	4027/	2525/	2823/	2224/	2925/	28
72	25/	4124/	3330/	5229/	4231/	3525/	2821*	4233/	2519/	2836/	2524/	2922/	43
73	30/	2824/	3232/	3827/	4332/	4028/	3417/	42 8/	2033*	3028/	3331/	2730/	37
74	25/	4023/	3128/	3925/	47 2/	2622/	5120*	4221*	2625/	2528/	2923/	3729/	34
75	24/	6729/	3020/	4725/	3521/	5222/	3531*	2920/	2231/	2630/	2622/	2423/	39
76	23/	4933/	2927/	3731/	3824/	49 4/	2429/	2322/	3017/	3531/	2826/	3424/	36
77													23/ 49
78													
79													
80													
81													
82													
83													
84													
85													
86													
87													
88													
89													
90													
91													
92													
93													
94													
95													
96													
97													
98													
99													
100													
MEAN													
S.D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OIA)

1 (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

723030 POPF AFB NC
STATION STATION NAME

47-55, 59-83

YEAR

DAILY PEAK GUSTS IN KNOTS

[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

\$ (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72330 POPF AFB NC 74-83 JAN 1984
STATION NAME CLASS HOURS (LST)
ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	1.6	.5	.4								5.2	4.4
NNE	2.7	2.5	.3									4.8	3.7
NE	1.5	1.8	.5	.1								4.0	4.5
ENE	1.4	1.3	1.0									3.7	4.4
E	.8	.3	.1									1.2	3.6
ESE	.3	.1										.3	3.7
SE	.4	.2	.1									.4	4.5
SSE	.6			.1								.8	3.6
S	1.7	.5	.2	.4								2.2	5.2
SSW	.6	.8	1.0	.2	.1							2.7	6.4
SW	.6	1.9	.4	.6								3.7	6.7
WSW	1.5	3.1	1.5	.3		.1	.2					6.8	6.7
W	2.4	2.6	1.1	.2								6.2	4.6
WNW	1.6	1.2	.3	.2	.1							3.4	4.9
NW	1.5	1.2	.3									3.0	3.8
NNW	1.7	.9	.6	.2								3.4	4.3
VARBL													
CALM												48.3	
	21.2	27.1	8.1	2.9	.7	.1	.2					100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

721230 STATION 10PF AFB NC STATION NAME 74-83 YEARS MONTH JAN
ALL WEATHER CLASS 700-0500 HOURS (LST)

CONDITION

SPEED KNTS. DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.7	3.3	.4								6.6	6.0
NNE	3.3	2.4	2.7	.3								8.1	5.7
NE	1.2	3.1	1.6	.2								6.1	5.6
ENE	2.7	2.4	1.2	.2								6.5	4.6
E	1.5	1.1	.2									2.8	3.5
ESE	.4	.2										.6	3.7
SE	.1	.1	.1									.3	5.7
SSE	.4	.5	.5									1.5	5.5
S	.3	1.3	.6	.3								2.3	6.7
SSW	.8	1.7	.8	.4	.1							3.8	6.5
SW	.3	2.5	1.7	1.5	.1	.2	.1					6.9	8.4
WSW	.6	1.9	2.3	1.8	.2	.4						7.3	9.2
W	1.5	3.2	1.8	.8	.1	.2						8.7	6.5
WNW	1.3	1.7	1.9	.4	.1	.2						5.7	7.2
NW	.8	1.3	1.5	.9								4.4	7.4
NNW	1.0	1.6	2.6	.8	.2							6.1	7.7
VARBL													
CALM												11.1	
	19.1	27.4	22.3	8.1	.9	1.1	.1					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
UNAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
FROM HOURLY OBSERVATIONS

72' 31

100-443486

References

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0600-0800
HOUSE (L.A.T.)

SPEED DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	N	MEAN WIND SPEED
N	3.2	4.4	2.3	1.0								6.9	5.0
NNE	2.5	2.2	1.3	.7								1.2	5.0
NE	1.4	2.3	1.4	.7								1.3	5.0
ENE	1.4	2.4	1.3									2.5	4.0
E	1.5	1.6	.1									1.3	3.0
ESE	1.0	.0										1.7	3.0
SE	.0		.7									.1	3.0
SSE	2.7	.0	.7	.0								2.0	4.0
S	1.4	1.2	.6	.2		.1						3.3	5.0
SSW	.0	1.6	2.0	.0	.1	.1						2.0	7.0
SW	.7	1.5	4.7	1.4	.7	.0						4.5	9.0
WSW	.0	.0	1.4	2.5	.7	.6	.2					4.7	11.0
W	.0	2.3	2.6	2.2	.4							4.0	8.0
WNW	.5	1.2	3.0	2.3	.7							7.3	9.0
NW	1.3	1.3	1.9	1.2								5.7	7.0
NNW	1.3	2.0	2.3	1.3	.2							7.1	7.0
VARBL													
CALM												9.5	
	21.3	26.9	25.8	14.6	1.7	1.	.2					100.0	

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC FROM (U) H-5. OL A: PREVIOUS ED FORMS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74-130 STATION ROPE AFB NC STATION NAME 74-23 YEARS JAN MONTH
ALL WEATHER CLASS 0000-1100 HOURS (LST)

CONDITION

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.4	3.2	1.4	.8								7.8	5.2
NNE	2.7	3.1	.9	.1								6.5	4.5
NE	1.4	1.7	.5									3.7	4.1
ENE	2.5	1.9	.3	.1								4.8	3.8
E	2.9	1.1	.3									4.3	3.2
ESE	1.3	.3										1.6	2.3
SE	.6	.2										.9	2.6
SSE	.5	.4	.3									1.7	4.6
S	1.7	2.1	.5	.5	.2							5.1	5.8
SSW	.9	2.2	2.3	.5								5.3	6.5
SW	.3	2.6	3.4	1.0		.2						7.5	8.3
WSW	.9	1.8	1.7	2.3	.3	.5						7.5	10.1
W	1.7	2.9	4.2	1.4	.5	.2						11.0	8.2
WNW	.8	1.7	3.1	1.3	.4	.1						7.4	8.7
NW	1.1	1.0	1.9	1.1								6.9	7.7
NNW	1.5	2.1	2.6	.8								6.9	6.8
VARBL													
CALM												11.5	
	23.3	29.6	23.5	9.5	1.5	1.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72-030
STATION

POPE AFB NC

STATION NAME

74-P3

YEARS

JAN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED KNTS: DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.8	1.4	.9	.2								5.3	4.3
NNE	1.9	1.5	.3									3.8	3.7
NE	2.4	1.2	1.1	.1								4.7	4.2
ENE	1.6	1.3	.4									3.3	4.1
E	.6	.6	.1									1.6	3.1
ESE	.2											.2	2.0
SE	.1	.6										.8	4.7
SSE	.6	.8	.3									1.9	4.2
S	.9	1.1	.9	.6	.1							3.5	6.9
SSW	.6	1.2	1.3	.1								3.2	6.3
SW	1.6	1.9	2.0	.5	.1							6.2	6.2
WSW	1.6	1.9	1.1	.9	.3	.1						5.9	7.3
W	2.0	2.6	.8	.3	.2							5.9	5.2
WNW	1.7	1.3	.5	.3								3.1	5.5
NW	1.6	1.7	1.2	.6	.1							5.3	6.0
NNW	1.7	1.4	.8	.2		.1						3.8	5.5
VARBL													
CALM												41.4	
TOTAL	21.4	20.5	11.6	4.0	.7	.2						102.0	3.1

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 723-30 POPE AFB NC STATION NAME 74-83 YEARS JAN NORTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	2.6	.9	.4								5.9	5.0
NNE	1.5	.8	.8	.3								3.4	5.1
NE	1.9	1.3	.8	.1								4.1	4.4
NNE	1.3	.6	.3	.2								2.5	4.5
E	1.5	.4	.2									2.2	3.2
ESE	.5	.3	.1									1.0	3.8
SE	.1	.5										.6	4.0
SSE	.3	.3	.4									1.1	5.4
S	.6	1.1	.5	.9	.1	.1						3.3	8.1
SSW	.3	1.4	.6	.8		.1						3.2	7.6
SW	1.3	1.7	.8	.5								4.3	5.6
WSW	1.2	2.7	1.5	1.3	.2							6.9	7.3
W	1.2	2.5	.2	.9	.1							4.8	6.3
WNW	1.4	.9	.8	.1								3.1	5.2
NW	1.1	1.2	1.2	.9								4.3	6.6
NNW	1.2	1.5	.4	.1								2.2	4.6
VARBL													
CALM												46.3	
	17.6	19.8	9.5	6.5	.4	.2						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723330
STATION

POPE AFB NC

STATION NAME

74-83

YEARS

JAN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.7	2.5	1.2	.2								6.6	4.8
NNE	1.3	1.4	.3									3.1	4.0
NE	1.2	1.6	.8									3.3	5.2
ENE	1.6	1.1	.2									2.9	3.7
E	1.7	.6										1.6	3.3
ESE	.4	.1										.5	2.8
SE	.2	.1										.3	3.0
SSE	.3	.3	.1									.9	4.0
S	1.1	.3	1.7	.3	.1							2.8	6.6
SSW	.4	.5	.8	.9	.1	.1	.1	.1				2.9	10.3
SW	1.4	1.9	1.1	.5	.3	.1						5.4	7.0
WSW	1.2	2.5	1.7	.6	.3							6.3	7.1
W	1.5	3.4	1.0	.9	.1							6.9	6.2
WNW	1.6	1.0	.4	.1								4.3	4.3
NW	.6	1.1	1.1									2.8	5.8
NNW	.9	1.9	.9	.1								3.8	5.3
VARBL													
CALM												6.1	
	17.2	21.3	10.4	3.7	.9	.2	.1	.1				10.0	3.1

TOTAL NUMBER OF OBSERVATIONS

937

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72330 STATION POPE AFB NC STATION NAME 74-83 YEARS JAN MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.7	2.0	.8	.4								6.9	4.8
NNE	1.9	1.3	.5	.1								3.9	4.2
NE	1.3	1.8	.6									3.8	4.5
ENE	1.9	1.1	.1									3.1	3.3
E	.5	.4										1.0	3.1
ESE	.4	.2										.6	2.8
SE	.2	.1	.1									.4	4.5
SSE	.1	.2	.2									.5	5.2
S	.6	.5	.6	.4								2.3	6.5
SSW	.9	.6	.9	.3								2.7	6.0
SW	1.8	1.9	1.1	.6				.2				5.6	6.8
WSW	1.9	3.0	1.0	.7	.4		.1					6.8	6.4
W	2.9	2.2	1.9	.5			.1					7.5	5.6
WNW	1.3	1.2	.4	.2								3.7	4.5
NW	.8	.6	.3									1.7	4.1
NNW	1.7	1.7	.4									3.4	4.1
VARBL													
CALM												46.1	
	22.2	18.9	9.0	3.0	.4		.2	.2				100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72437 POPF AFB NC 74-R3 JAN
STATION MONTH
ALL WEATHER YEAR
CLASS
CONDITION HOURS (LST)

SPEED KNTS/ DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.7	2.6	1.4	.4								7.1	5.1
NNE	2.1	1.9	.8	.1								5.0	4.5
NE	1.5	1.9	.9	.1								4.4	4.8
ENE	1.9	1.5	.6	.1								4.0	4.2
E	1.3	.8	.1									2.2	3.3
ESE	.6	.3	.0									.8	2.9
SE	.3	.2	.1									.6	3.9
SSE	.5	.5	.3	.0								1.3	4.7
S	1.0	1.0	.6	.5	.1	.0						3.1	6.4
SSW	.7	1.2	1.2	.5	.0	.0	.0	.7				3.7	7.1
SW	1.0	2.0	1.8	1.0	.1	.1	.0	.2				6.0	7.5
WSW	1.2	2.3	1.7	1.3	.3	.2	.1					7.3	8.3
W	1.8	2.7	1.7	.9	.2	.1	.0					7.3	6.6
WNW	1.3	1.4	1.3	.6	.1	.0						4.7	6.8
NW	1.1	1.3	1.2	.6	.0							4.2	6.3
NNW	1.4	1.6	1.3	.4	.1	.1						4.7	6.2
VARBL													
CALM												13.7	
	20.2	23.1	15.0	6.5	.9	.5	.1	.0				100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
LAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72330
STATION

10PF AFB NC

STATION NAME

74-63

YEARS

FEB
MONTH

ALL WEATHER
CLASS

0000-2000
HOURS (L.S.T.)

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.5	1.1	.6								6.0	5.5
NNE	1.4	2.0	.9	.7								5.1	6.2
NE	1.3	2.0	1.8	.7	.1							6.4	6.1
ENE	1.2	.5	.7	.2								2.6	5.0
E	.9	.5		.1								1.5	3.4
ESE	.1	.1										.5	3.5
SE	.1	.2	.1									.5	5.5
SSE	.4	.5	.1	.1								1.1	5.2
S	.4	.2	.5	.2	.1							2.1	6.9
SSW	.5	.1	.8	.1								1.5	6.5
SW	1.3	2.1	1.3	.7								5.3	6.2
WSW	1.3	3.5	2.7	.2								7.1	5.3
W	3.7	2.5	.8									6.9	3.8
WNW	1.5	.2	.6	.2								3.3	4.8
NW	.9	.2	.4		.1							1.5	5.2
NNW	.8	1.3	.1	.1								2.4	4.6
VARBL													
CALM												46.5	
	18.7	19.9	11.2	4.1	.8							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

72130
STATION

POPL AFB NC

STATION NAME

74-83

YEARS

FEB
MONTH

ALL WEATHER
CLASS

0300-3500
HOURS (LST)

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	3.5	3.3	1.4								9.3	7.1
NNE	.6	3.5	4.0	.9								9.1	7.1
NE	.7	2.0	2.0	1.1	.1							5.9	7.3
ENE	2.5	2.6	1.1	.5								6.6	4.9
E	.9	2.										3.7	4.6
ESE	.6	.4	.2	.1								1.3	4.6
SE	.2	.6	.4									1.2	5.3
SSE	.5	.6	.4	.2								1.7	6.2
S	.7	.6	.9	.1								2.4	5.6
SSW	.7	.6	1.7	.5								3.4	7.3
SW	.7	2.2	2.5	1.2	.1							6.7	7.6
WSW	1.0	1.9	2.4	2.4	.6							9.0	8.3
W	2.5	3.	2.6	1.2	.1							9.3	6.1
WNW	.4	1.1	2.0	.7	.1							4.5	7.8
NW	.1	1.0	1.2	.1								3.3	6.7
NNW	.0	1.5	3.2	.5								5.6	7.4
VARBL													
CALM												17.0	
	14.3	28.3	28.5	10.9	1.1							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 727032 POPE AFB NC STATION NAME 74-82 YEARS FEB MONTH 0600-0800 HOURS (LST) CLASS ALL WEATHER CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.2	3.3	1.4	.1							9.1	7.2
NNE	.7	3.1	2.6	1.2								7.8	7.2
NE	.7	1.9	1.9	.5								5.7	6.8
ENE	1.1	3.1	.8	.1								5.1	5.0
E	2.7	1.8	.7									4.0	3.4
ESE	.8	.8	.4									2.0	4.3
SE	.8	.8	.2									1.9	4.1
SSE	1.3	.8	.2	.4								2.7	4.4
S	.5	1.1	1.3	.4								3.2	6.7
SSW	1.7	2.4	.9	1.1								6.0	6.3
SW	.4	1.1	3.7	3.1	.5	.2						8.9	10.3
WSW	.4	2.7	2.2	3.7	.8	.1						9.2	10.4
W	.6	2.8	3.7	2.6	.1	.1						10.2	8.4
WNW	.5	1.9	1.9	.8								5.1	7.3
NW	.7	2.7	2.5	.7	.1							5.6	8.0
NNW	.5	1.3	3.2	.9								5.9	8.2
VARBL													
CALM												8.4	
	13.4	35.0	29.3	16.8	1.7	.5						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

73130
STATION

POPE AFB NC

STATION NAME

74-83

YEARS

FFR

BURTH

ALL WEATHER

CLASS

0900-1100

HOURS (L & T)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	3.2	2.7	.2								8.4	5.6
NNE	1.4	3.3	1.7	.5								6.9	5.7
NE	1.1	2.2	1.7	.6								5.6	6.4
ENE	.8	1.7	1.1	.1								3.7	5.1
E	1.4	3.2										3.8	3.3
ESE	.5	.6	.2									1.3	4.4
SE	.5	.5	.4									1.3	4.4
SSE	.6	1.4	.9	.1		.1						3.2	6.4
S	1.2	1.9	1.4	.5								5.6	5.4
SSW	.5	2.4	3.8	1.1	.1	.1						7.9	8.1
SW	.6	1.9	3.4	1.9	.5	.1						8.4	9.1
WSW	.4	1.4	2.4	1.3	.7	.1						6.3	10.0
W	.6	2.7	3.5	1.4	.4							8.6	8.4
WNW	.8	2.1	2.8	.9	.1							6.9	7.4
NW	.8	1.2	2.2	1.4		.1						5.8	8.1
NNW	1.2	1.9	2.8	1.2								7.1	7.3
VARBL													
CALM												9.5	
	15.5	30.4	31.1	11.2	1.8	.6						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 723030 STATION NAME POPE AFB NC YEARS 74-83 MONTH FEB
CLASS ALL WEATHER HOURS (LST) 1200-1400
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	2.4	.6	.5	.1							5.6	4.9
NNE	1.4	1.8	1.1	.4	.1							4.7	5.7
NE	1.1	1.1	1.1	.1								3.3	4.9
ENE	1.2	.5	.5									2.1	4.2
E	1.5	.4	.1									2.0	2.9
ESE	.4	.2										.6	3.2
SE	.4	.2										.6	2.8
SSE	.8	1.1	.5	.4								2.7	5.8
S	1.7	3.2	.6									5.4	4.3
SSW	1.7	3.8	1.8	.5								7.7	5.6
SW	.7	2.0	1.9	.4								5.0	6.6
WSW	.4	1.7	1.4	.5								3.9	7.1
W	.5	2.1	.8	.2	.5	.1						4.3	7.9
WNW	2.1	1.1	.8	.2								4.3	4.4
NW	1.5	1.2	1.5	.2								4.5	5.8
NNW	2.1	1.4	1.5	.2	.1							5.4	5.4
VARBL													
CALM												37.9	
	19.4	24.2	14.2	3.5	.8	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72730 STATION POPF AFB NC 74-83 YEARS FEB MONTH 1500-1700 HOURS (LST)
ALL WEATHER CLASS
CONDITION

SPEED KNTS/ DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.4	1.0	1.8	.7								6.6	5.7
NNE	1.3	2.2	.6	.6								5.2	5.2
NE	1.4	1.9	.7	.4								4.4	5.2
ENE	.8	.6	.5									1.9	4.6
E	.6	.2	.2									1.1	4.0
ESE	.4	.2										.6	3.0
SE	.7	.2										.5	3.3
SSE	.6	.5	.2	.2								1.5	5.8
S	.7	2.2	1.1	.2	.1							4.4	6.1
SSW	1.1	2.4	1.4	.4								5.2	5.8
SW	.7	1.9	2.2	1.2	.1							6.1	7.8
WSW	.9	2.0	.8	.1								3.9	5.2
W	1.4	.7	1.5	.6								4.3	6.4
WNW	1.1	.8	.6	.1	.1							2.7	5.5
NW	.7	1.2	.8	.1								2.8	5.2
NNW	1.3	1.2	.8	.1								3.4	4.8
VARBL													
CALM												45.4	
	16.1	2.1	13.4	4.7	.4							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030 STATION POPE AFB NC STATION NAME 74-83 YEARS FEB MONTH 1800-2000 HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	1.8	1.4	.8								7.2	5.2
NNE	1.0	.9	2.0	.2								5.2	5.5
NE	1.2	.9	.8	.5								3.4	5.9
ENE	.2	1.4	1.2	.2	.1							3.2	7.0
E	.6	.1	.4									1.1	5.0
ESE	.4	.4										.7	2.8
SE		.4										.4	5.0
SSE	.4	.7	.2									.8	4.0
S	.7	.8	.6	.6								2.6	6.3
SSW	.7	1.7	1.5	.2								4.1	6.2
SW	1.2	1.9	1.4	.2								4.7	5.8
WSW	.7	3.3	1.7	.7								6.4	6.3
W	1.8	2.4	1.3	.1		.1						5.7	5.4
WNW	1.8	1.7	.5									3.9	4.0
NW	1.2	1.1	.1									2.4	3.5
NNW	.9	1.2	.7	.1								3.0	5.3
VARBL													
CALM												45.7	
	16.4	23.1	13.8	3.7	.1	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723330 POPE AFB NC 74-R3 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER 2100-2300
CLASS HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	2.6	1.8	.5								7.3	5.4
NNE	1.8	2.1	.5	.6								5.1	5.2
NE	1.1	1.1	.8	.2	.1							3.3	5.8
ENE	1.1	.5	.5	.5								2.5	5.6
E	.7	.5	.1	.1								1.4	4.7
ESE	.2											.2	2.0
SE		.2	.1									.4	6.7
SSE	.1		.5									.6	7.2
S	.5	.5	.2	.2								1.4	5.8
SSW	.2	.5	.7	.4								1.8	7.5
SW	1.4	3.1	1.1	.4								5.8	5.4
WSW	2.5	2.8	1.4									6.7	4.8
W	2.7	2.5	.5									5.7	3.8
WNW	1.9	1.2	.2	.1	.1							3.3	4.5
NW	1.7	.6	.4	.1	.2							3.0	5.0
NNW	.8	.7	.6	.2								2.4	5.4
VARBL													
CALM												49.3	
	18.9	18.7	9.3	3.3	.5							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

70330 POPF AFB NC 74-83 FFB
STATION NAME YEARS MONTH
ALL WEATHER ALL
CLASS MONTHS (L & T)
CONDITION

SPEED (KTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	2.6	2.0	.8	.0							7.4	5.9
NNE	1.4	2.4	1.7	.6	.0							6.1	6.1
NE	1.1	1.6	1.3	.5	.0							4.7	6.2
ENE	1.1	1.3	.8	.2	.0							3.5	5.2
E	1.1	.0	.2	.0								2.3	3.8
ESE	.4	.3	.1	.0								.9	3.9
SE	.3	.4	.1									.8	4.4
SSE	.6	.6	.4	.2		.0						1.8	5.6
S	.9	1.4	.8	.3	.0							3.4	5.7
SSW	.9	1.7	1.6	.5	.0	.0						4.7	6.6
SW	.0	2.0	2.2	1.1	.1	.0						6.4	7.7
WSW	1.0	2.3	1.8	1.1	.3	.0						6.6	7.4
W	1.7	2.3	1.8	.8	.1	.0						6.9	6.5
WNW	1.2	1.4	1.2	.4	.1	.0						4.2	6.0
NW	.9	1.2	1.1	.3	.1	.0						3.6	6.4
NNW	1.0	1.3	1.6	.4	.0							4.4	6.4
VARBL													
CALM												72.5	
	16.5	23.9	18.9	7.3	.8	.2						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72° 30' POPE AFB NC

74-83

MAR

ALL WEATHER
CLASS

0000-0200
MOON (L & T)

CONDITION

SPEED ENTS, DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	1.9	.9	.1								5.4	4.4
NNE	1.2	1.4	1.0	.3								3.9	5.9
NE	1.6	1.6	.9	.3								4.4	5.2
ENE	2.4	2.3	.8									5.4	4.1
E	1.2	1.3	.3									2.8	4.0
ESE	.4	.3	.3									1.1	4.2
SE	.4	.5										.9	4.0
SSE	.5	.1	.8	.2								1.6	6.7
S	.5	1.1	1.6	.2								3.4	6.5
SSW	.9	.6	1.5	.3								3.3	6.7
SW	1.9	2.6	2.2	.9	.1							7.6	6.3
WSW	2.4	2.4	1.9	.8								7.4	5.8
W	2.7	2.7	1.1	.1								6.6	4.4
WNW	1.8	1.0	.3									3.1	3.7
NW	.2	1.1	.8	.2								2.3	6.2
NNW	.5	1.0	.8	.1								2.4	5.5
VARBL													
CALM												38.5	
	21.2	21.7	14.9	3.5	.1							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030 POPE AFB NC 74-83 MAR
STATION MONTH
ALL WEATHER 0300-0500
CLASS HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.3	3.4	1.0								9.0	6.7
NNE	1.4	2.3	2.3	.9								6.8	6.7
NE	1.4	2.7	1.9	.2								6.2	5.8
ENE	1.4	3.4	2.7	.1								7.6	5.7
E	1.4	2.7	1.5									5.6	5.3
ESE	1.0	.9	.6									2.5	4.6
SE	1.0	1.2	.3									2.5	4.5
SSE	.6	1.2	.5	.2								2.6	5.7
S	.8	.9	.6	.4								2.7	6.4
SSW	.6	1.9	3.3	1.3	.4							7.6	8.5
SW	1.0	1.5	2.9	1.9	1.0							8.3	9.6
WSW	1.6	1.6	2.5	2.7	.6	.1						9.1	9.2
W	1.6	1.7	1.9	1.5	.4							7.2	7.9
WNW	.3	.9	1.9	.8								3.9	8.3
NW	.1	1.2	1.2	1.4								3.9	8.5
NNW	.4	1.6	2.9	1.1								6.0	8.4
VARBL													
CALM												8.5	
	15.9	28.9	30.6	13.4	2.5	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72330 STATION POPE AFB NC 74-83 YEARS MAR MONTH
ALL WEATHER CLASS 0600-1800 HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.0	2.8	.5	.2							8.2	6.8
NNE	.9	2.3	1.9	.3								5.4	6.5
NE	1.1	1.5	1.1	.3								4.3	5.8
ENE	1.3	2.7	2.0	.4								5.8	5.9
E	1.1	2.5	1.6									4.7	5.3
ESE	1.0	1.3	.5									2.8	4.7
SE	.9	1.3	.6	.1								2.6	5.1
SSE	1.5	1.3	.9	.4								3.8	5.3
S	.8	1.8	1.6	1.3	.1							5.6	7.7
SSW	1.1	2.6	2.8	1.4		.1						8.0	7.8
SW	.8	1.1	2.5	3.3	1.1	.2						8.8	11.3
WSW	.5	2.4	2.7	2.9	1.7	.4						9.7	10.6
W	.8	1.8	3.1	2.9	.8	.2						9.6	10.2
WNW	.6	1.9	2.6	1.4	.2							6.8	8.4
NW	.3	1.9	1.7	1.1								5.1	7.9
NNW	.2	2.4	2.7	1.7								6.2	7.7
VARBL													
CALM												3.3	
	14.1	29.9	31.2	17.2	3.3	1.0						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72330 STATION POPE AFB NC STATION NAME 74-83 YEARS MAR MONTH
ALL WEATHER CLASS 1900-1900 HOURS (L & T)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.5	3.0	.5	.3							7.1	7.4
NNE	.4	1.7	.9	.1								3.1	5.8
NE	.2	2.0	1.4	.3								4.6	6.2
ENE	1.1	2.8	1.0									4.8	5.0
E	.8	1.5	.2	.2								2.7	4.8
ESE	.6	1.3	.3									2.3	4.3
SE	.3	1.1	.3	.1								1.8	5.2
SSE	.9	1.7	.9	.2								2.9	5.6
S	1.2	2.9	2.5	1.2	.1							7.8	7.0
SSW	1.2	3.0	3.2	1.4	.2							9.0	7.4
SW	.2	2.3	3.9	3.1	.5	.1						10.1	9.9
WSW	1.3	2.6	2.2	2.5	1.0	.4						9.9	9.7
W	1.4	2.5	3.8	2.2	.3	.1						10.2	8.2
WNW	.4	1.9	2.2	1.7	.4	.2						6.9	9.6
NW	.6	2.5	2.6	.8								6.5	7.2
NNW	.5	1.8	1.6	.6	.2	.1						4.9	7.7
VARBL													
CALM												5.3	
	12.6	33.3	29.8	14.9	3.1	1.0						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFC WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72730
STATION

POPE AFB NC

STATION NAME

74-83

YEARS

MAP
MONTH

ALL WEATHER
CLIM

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED KNOTS D.R.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.4	3.2	1.3	.2	.2							7.3	5.1
NNE	1.0	1.0	.1	.2								2.3	4.8
NE	.6	1.6	.6									2.9	4.9
ENE	1.5	2.6	1.0	.2								5.3	5.2
E	1.1	.2	.2									2.2	3.6
ESE	1.1	.2	.2									1.5	3.1
SE	.5	1.0	.2									1.7	4.4
SSE	1.0	1.3	1.6	.2								4.1	6.0
S	2.2	4.1	3.7	.3	.1							9.5	5.4
SSW	1.2	2.9	1.7									6.3	5.3
SW	1.3	2.9	2.5	.2								6.9	6.2
WSW	1.2	1.9	1.3	.8	.4							5.4	7.6
W	1.2	1.6	1.3	.2	.2							4.6	5.8
WNW	1.2	1.1	1.1	.3	.1							3.5	6.2
NW	1.2	1.3	1.7	.6	.2	.2						5.4	7.6
NNW	1.0	2.4	.6	.2								4.7	5.0
VARBL													
CALM												26.5	
	21.1	29.9	17.5	3.5	1.1	.2						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030 STATION POPE AFB NC STATION NAME 74-83 YEARS HAD MONTH 1500-1700 HOURS (L & T.)
ALL WEATHER CLASS
CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	2.2	1.1		1.1							4.6	5.5
NNE	.6	1.7	1.0	.1								3.4	5.6
NE	.4	1.5	.6	.1								2.7	5.6
ENE	1.7	.9	1.1	.1								3.8	4.8
E	.5	.7	.3	.3								2.0	5.4
ESE	.4	.4	.1	.1								1.1	4.9
SE	.4	1.4	.3									2.2	4.7
SSE	.8	2.5	1.5	.2								4.2	5.9
S	2.2	5.5	2.7	.1								10.4	5.3
SSW	.5	3.4	2.9	.4								7.3	6.6
SW	.5	1.6	2.7	.3								4.5	6.7
WSW	.6	2.5	1.7	.2								4.3	5.6
W	2.3	1.2	.8	.7								4.4	4.4
WNW	1.3	1.3	.8	.4								3.8	5.7
NW	.6	1.5	1.2	.4								3.9	6.3
NNW	1.1	1.2	.8	.1								3.1	5.2
VARBL													
CALM												33.7	
	15.4	29.6	18.1	3.2	.1							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

72° 30'
STATION

POPE AFB NC

STATION NAME

74-83

YEARS

MAP
MONTH

ALL WEATHER

CLIM

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED KNTS/ DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.8	.6									5.2	4.2
NNE	.6	1.6	.9	.1								3.2	5.3
NE	.6	1.8	1.3	.1								3.9	5.8
ENE	1.6	.6	.5	.1								2.9	4.5
E	1.4	1.	.3									2.7	3.6
ESE	.7	.6										1.0	3.8
SE	.9	.3	.4									1.6	4.3
SSE	1.2	1.4	.4	.2								3.2	4.8
S	1.6	3.5	1.6	.7								7.1	5.4
SSW	1.1	2.7	2.7	.5								6.3	6.2
SW	1.1	2.5	2.2	.8								6.5	6.3
WSW	1.6	4.1	1.7	.2								6.9	5.1
W	2.3	1.7	1.2	.1								5.3	4.8
WNW	.9	1.3	.2	.1								2.4	5.0
NW	.6	.9	1.0	.2								2.7	6.1
NNW	.9	1.2	.9									2.9	5.0
VARBL													
CALM												36.3	
	19.3	28.1	14.5	2.8								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC FORM 0-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72-30 STATION NO. POPE AFB NC STATION NAME 74-83 YEARS MAP MONTH 2100-2300 HOURS (L & T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	1.7	.5	.1								4.1	4.6
NNE	1.5	1.2	.8	.1								3.5	4.9
NE	1.3	1.5	.8	.1								3.7	4.8
ENE	1.4	1.3	.6									3.3	4.3
E	1.2	1.3	.2									2.7	3.8
ESE	.4	.2	.1									.8	3.7
SE	.4	.3	.4									1.2	4.7
SSE	.5	.4	.3	.2								1.5	5.9
S	.7	1.2	1.1	.2	.1							2.8	7.1
SSW	.9	1.6	1.6	1.1								4.5	7.7
SW	1.6	2.6	1.6	.5								6.3	5.8
WSW	2.0	3.8	2.2	.1								8.1	5.2
W	1.6	2.7	1.1									5.4	4.7
WNW	.8	1.1	.1		.1							2.0	4.5
NW	1.7	.4	.2	.2								1.8	4.7
NNW	.8	.6	1.7	.1								2.5	5.9
VARBL													
CALM												45.8	
	17.3	21.3	12.6	2.8	.2							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72730 POPE AFB NC 74-83 MA? MONTHS
STATION STATION NAME YEARS
ALL WEATHER CLASS ALL HOURS (L & T)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.6	1.7	.3	.1							6.3	5.8
NNE	1.7	1.6	1.1	.3								4.0	5.9
NE	1.7	1.8	1.1	.2								4.0	5.6
ENE	1.5	2.0	1.2	.1								4.9	5.1
E	1.1	1.4	.6	.1								3.2	4.6
ESE	.7	.7	.3	.5								1.6	4.3
SE	.6	.8	.3	.5								1.5	4.7
SSE	.9	1.1	.6	.3								3.1	5.7
S	1.3	2.6	1.7	.5	.1							6.2	6.1
SSW	1.7	2.3	2.4	.8	.1	.7						6.6	7.1
SW	1.0	2.1	2.5	1.4	.3	.7						7.4	8.1
WSW	1.4	2.6	1.8	1.2	.4	.1						7.6	7.7
W	1.7	2.7	1.8	.9	.2	.7						6.7	6.9
WNW	.9	1.3	1.1	.6	.1	.7						4.0	7.1
NW	.6	1.3	1.3	.6	.7	.7						3.9	7.1
NNW	.7	1.5	1.4	.4	.7	.7						4.1	6.6
VARBL												24.7	
CALM													
	17.0	27.8	21.2	7.7	1.3	.3						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030 POPL AFB NC STATION NAME 74-83 YEARS APR MONTH
STATION CLASS 0000-0200 HOURS (L.S.T.)

ALL WEATHER

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.3	1.6	.1								4.2	5.5
NNE	1.0	1.3	.8	.2								3.3	5.4
NE	1.3	1.1	.4	.1								3.0	4.4
ENE	1.7	1.7	.9									4.2	4.3
E	.4	.8	.2	.1								1.6	5.6
ESE	.4	.6										1.0	3.7
SE	.3	.2	.4									1.0	5.3
SSE	.3	.3	.6	.1								1.3	6.3
S	.9	2.2	.8	.3								4.2	5.5
SSW	1.4	2.1	1.6	1.6	.1							6.2	6.6
SW	1.7	3.9	2.6	1.2								8.7	6.8
WSW	2.4	2.8	2.3	.4		.1						8.1	5.7
W	3.4	2.9	1.7	.8								8.8	5.1
WNW	1.3	2.7	.2	.3								3.9	4.9
NW	.8	.4	.4									1.7	4.3
NNW	.3	1.0	.2	.4								2.0	6.7
VARBL													
CALM												36.8	
	18.4	24.7	19.7	5.2	.1	.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

727030 STATION POPE AFB NC STATION NAME 74-87 YEARS APP MONTH 0300-0500 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.8	3.8	.8	.1							8.2	7.5
NNE	.7	1.4	1.3	.6								4.3	6.8
NE	.7	2.4	1.4	.5								4.8	6.1
ENE	1.3	2.9	1.2	.7								5.7	5.2
E	1.6	1.4	1.1	.1								3.8	4.8
ESE	.8	1.1	.3									2.2	4.4
SE	.7	2.1	.8	.1								3.2	6.0
SSE	.7	1.7	1.0	.1								2.8	5.6
S	1.3	2.2	2.3	.2								6.1	5.8
SSW	.8	1.8	2.1	2.4	.4	.1						7.7	9.4
SW	1.2	2.1	2.6	3.1	.4	.1						9.8	9.5
WSW	1.2	1.8	3.2	2.2	.4	.1						9.0	8.7
W	.7	2.3	4.6	1.7	.6							9.8	8.6
WNW	.6	1.3	1.2	1.7	.2							5.0	8.8
NW	.2	1.7	1.4	1.3	.3							4.3	9.7
NNW	.4	1.9	3.1	.6								6.0	7.3
VARBL													
CALM												7.7	
	13.1	29.2	31.6	15.3	2.9	.2						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 72330 POPL AFB NC STATION NAME 74-83 YEARS APR MONTH
CLASS ALL WEATHER 6600-0800 HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.4	3.0	1.3	.1							6.7	8.1
NNE	.6	1.1	.8									2.4	5.4
NE	.8	1.7	.8	.2								3.4	5.8
ENE	.4	2.7	.8	.1								4.0	5.4
E	1.2	1.4	.6									3.0	4.8
ESE	.3	1.7	.8	.1								2.9	5.9
SE	.7	.7	.8	.1								2.2	5.8
SSE	1.2	2.3	1.7	.2								4.8	5.2
S	1.4	2.7	2.6	1.7	.1							7.8	6.8
SSW	.6	3.3	4.6	2.9	.2	.2						11.8	8.8
SW	.6	1.7	2.9	3.4	.7	.4						9.7	11.0
WSW	1.0	2.7	3.1	2.1	.9	.1	.1					9.3	9.7
W	.6	1.7	3.2	4.1	.4							10.0	9.9
WNW	.3	1.7	2.2	2.3	.3							6.9	9.7
NW	.4	1.3	2.1	.8		.1						4.8	8.0
NNW	.7	2.2	2.4	1.1		.1						6.6	7.7
VARB													
CALM												3.8	
	11.3	29.6	31.6	19.9	2.8	1.0	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72730 POPF AFB NC 74-87 APP
STATION STATION NAME YEARS MONTH
ALL WEATHER 0900-1100
CLASS HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	.9	2.1	.3								4.9	6.5
NNE	.4	1.8	.7	.4								3.3	6.4
NE	.2	1.8	.7	.1								2.8	5.6
ENE	1.4	1.7	.4									3.6	4.1
E	1.1	1.4	.6									3.0	4.4
ESE	.7	.8	.2									1.7	4.0
SE	.9	1.1	.3	.3								2.7	5.8
SSE	1.4	1.7	1.8	.1								5.0	5.5
S	1.2	3.9	3.7	1.6								9.8	7.0
SSW	.7	2.1	4.6	2.2	.3							9.9	8.8
SW	.7	1.9	2.8	3.7	.3	.3						9.7	10.1
WSW	.6	1.7	1.9	2.6	.6	.3	.2					7.8	11.0
W	1.2	1.9	4.1	2.8	.9	.2	.1					11.2	9.7
WNW	.6	3.0	3.3	2.3	.2	.1						8.6	9.2
NW	.6	1.9	2.2	1.6	.2							6.4	8.3
NNW	.4	3.0	2.3	.4								6.2	6.6
VARBL													
CALM												3.6	
	13.6	29.4	31.7	17.9	2.6	1.0	.3					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72-30 STATION NAME POPE AFB NC 74-83 YEARS APR MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.4	.9	.1								4.3	4.5
NNE	1.2	1.1	.2	.1								2.7	4.7
NE	.9	.6	.1									1.6	3.4
ENE	1.6	1.3	.2									3.1	3.6
E	1.4	.8	.2	.1								2.6	4.5
ESE	1.6	1.2	.2	.1								3.1	3.8
SE	1.0	.9	.3		.1							2.3	4.9
SSE	1.2	1.9	.8	.4	.1							4.4	5.8
S	2.7	4.1	4.7	.8	.1							12.3	6.3
SSW	1.3	3.2	2.0	.6								7.1	6.1
SW	.4	2.8	1.9	1.3		.1						6.6	7.7
WSW	1.0	1.1	2.4	.7	.1							5.3	7.7
W	1.1	3.4	1.8	1.0	.3	.1						7.8	7.1
WNW	.9	2.0	.7	.3								3.9	5.5
NW	.9	1.3	1.9	.3								4.4	6.7
NNW	1.3	2.2	.8	.2								4.6	5.3
VARBL													
CALM												23.9	
	21.4	29.4	19.1	6.1	.8	.2						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

72330 STATION POPL AFB NC STATION NAME 74-83 YEARS APP MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.6	1.1	.2								4.2	5.3
NNE	.8	.2	.6									1.6	4.9
NE	.9	.2	.1									1.2	3.2
ENE	1.1	.6	.4	.1								2.2	4.4
E	.9	.7	.1	.1								1.8	3.9
ESE	1.0	.6	.2	.1								1.9	4.4
SE	.8	.6	1.2									2.6	5.7
SSE	1.4	2.9	1.1	.2								5.7	5.0
S	1.9	5.1	5.3	.7								13.0	6.3
SSW	.9	4.0	3.1	.3								8.3	6.4
SW	.7	2.7	1.1	.6	.1							5.1	6.4
WSW	.4	2.3	1.8	.9								5.4	7.1
W	1.6	1.9	.7	.2	.2							4.6	5.8
WNW	.6	.2	.7									1.4	5.8
NW	.4	1.9	.6	.1								3.0	5.4
NNW	.3	1.1	1.1	.2								2.8	6.6
VARB													
CALM												35.2	
	15.0	26.4	19.2	3.8	.3							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030 STATION 74-83 YEARS APR 1930-2000
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.1	1.4	.9	.2								3.7	5.1
NNE	1.2	1.0	.4	.1								2.8	4.7
NE	.7	.7	.1									1.4	4.1
ENE	1.6	.7	.2									2.4	3.3
E	.8	1.2	.2									2.2	4.3
ESE	1.3	.6	.1									2.0	3.1
SE	.9	.9	.2									2.0	4.0
SSE	.9	.9	.2									2.0	3.8
S	2.2	2.7	1.8	.7	.1							6.4	5.6
SSW	2.1	2.9	2.7	1.0								8.7	6.5
SW	2.3	3.8	1.4	.7								8.2	5.4
WSW	2.3	4.2	.9	.3								7.8	4.8
W	2.1	1.4	1.4	.3								5.3	5.4
WNW	1.0	.8	.2									2.0	3.8
NW	.6	.6	.6									1.7	4.9
NNW	1.6	1.3	.3	.1								3.3	4.2
VARBL													
CALM												38.0	
	22.7	24.3	11.8	3.1	.1							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72330 STATION POPE AFB NC STATION NAME 74-83 YEARS APR MONTH
ALL WEATHER CLASS 100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	1.8	.9	.3								4.8	5.0
NNE	1.1	.8	.3	.1								2.3	4.5
NE	1.4	.2	.1									1.8	2.6
NNE	1.2	1.2	.3									2.8	4.0
E	.7	.7	.1									1.4	3.7
ESE	.1	.1										.2	3.0
SE	.7	.2	.3									.9	4.9
SSE	.6	.2	.3									1.1	4.2
S	1.7	1.0	.8	.2								3.7	4.7
SSW	1.4	2.2	1.6	.9	.1							6.6	6.6
SW	2.2	4.0	1.6	.4								8.2	5.4
WSW	1.6	3.8	1.0	.4	.1							6.9	5.6
W	3.1	1.8	1.0	.1								6.0	3.9
WNW	1.2	.8	.4									2.4	4.1
NW	.4	.6	.2									1.2	4.6
NNW	.7	.4	.3									1.4	4.2
VARBL													
CALM												48.2	
	19.6	19.8	9.7	2.6	.2							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

727 30 STATION POPF AFB NC STATION NAME 74-83 YEARS APR MONTH
ALL WEATHER CLASS ALL HOURS (L & Y.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.6	1.8	.4	.0							5.1	6.2
NNE	.9	1.1	.6	.2								2.8	5.4
NE	.9	1.1	.5	.1								2.5	4.9
ENE	1.3	1.6	.6	.1								3.5	4.4
E	1.7	1.7	.4	.1								2.4	4.5
ESE	.8	.8	.2	.6								1.9	4.2
SE	.6	.8	.6	.1	.0							2.1	5.4
SSE	1.7	1.4	.8	.2	.0							3.4	5.3
S	1.7	2.9	2.7	.6	.0							7.9	6.2
SSW	1.2	2.7	2.8	1.4	.2							8.3	7.5
SW	1.1	2.8	2.1	1.8	.2	.1						8.2	8.0
WSW	1.3	2.5	2.1	1.2	.3	.1	.1					7.5	7.6
W	1.7	2.2	2.3	1.4	.3	.0	.0					7.9	7.4
WNW	.8	1.3	1.1	.9	.1	.0						4.3	7.5
NW	.5	1.1	1.2	.5	.1	.0						3.4	7.3
NNW	.7	1.7	1.3	.4		.0						4.1	6.4
VARBL													
CALM												24.6	
	16.8	26.6	21.2	9.2	1.2	.3	.1					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

727030 POPF AFB NC 74-83 MAY
STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
0000-2200
HOURS (LST)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.6	.6	.2								4.4	4.4
NNE	1.3	1.7	1.2	.1								4.3	5.1
NE	2.3	1.7	1.0	.1								5.1	4.4
ENE	2.5	1.8	.8									5.1	4.7
E	2.7	1.0	.4									3.4	3.7
ESE	.4	.6	.1	.1								1.3	4.9
SE	.0	.6	.2									1.7	3.8
SSE	.7	.4	.6									1.6	5.4
S	1.7	2.4	.9									4.2	4.9
SSW	1.5	2.8	1.6	.3								6.2	5.6
SW	1.0	3.8	4.7	.3								10.0	5.9
WSW	1.8	3.8	2.2	.1								7.8	5.5
W	4.3	2.3	1.7	.1								8.4	4.2
WNW	1.0	1.0										1.9	3.4
NW	.6	.2	.1									1.0	3.3
NNW	1.7	.9	.2									2.0	3.3
VARBL													
CALM												31.5	
	24.9	26.6	15.6	1.4								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72130 POPE AFB NC

74-83

MAY

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0100-0500

HOURLS (L & T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.1	2.2	.9								8.2	5.9
NNE	.6	3.2	1.9	.2								6.2	6.1
NE	1.7	2.8	2.6	.3								7.4	5.9
ENE	2.0	3.2	1.9	.1								8.2	4.7
E	1.9	2.2	.6	.1								4.8	4.4
ESE	1.7	1.3	.1									2.4	3.8
SE	.4	.9	.6									1.9	5.1
SSE	1.3	1.5	.8	.7								4.1	5.7
S	1.5	1.8	1.2	.3								4.8	5.4
SSW	1.4	2.2	3.8	.3	.1							7.8	6.6
SW	1.0	2.5	4.1	1.6								9.1	7.7
WSW	1.8	2.7	4.2	.8								9.5	6.6
W	1.4	2.0	3.3	.6								8.2	6.5
WNW	1.2	1.6	1.7	.1								3.9	5.4
NW	.3	1.3	.8	.1								2.2	6.3
NNW	1.1	1.6	1.0	.1								3.7	5.4
VARBL													
CALM												7.9	
	21.5	34.3	30.0	6.1	.1							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72137 STATION 74-63 YEARS MAY
POPE AFB NC
ALL WEATHER CLASS 3600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.5	3.0	.3								8.3	6.1
NNE	1.2	2.0	2.4	.1								6.6	5.7
NE	.9	1.3	2.5	.1								4.6	6.4
ENE	1.7	1.9	.0	.1								4.6	4.6
E	1.3	2.2	.0									4.3	4.9
ESE	1.4	1.7	.2									3.3	4.1
SE	.9	1.0	.8									2.5	5.0
SSE	1.7	1.1	1.0	.3	.1							4.2	5.6
S	1.5	3.1	1.9	.6	.1							7.3	6.4
SSW	1.3	3.7	3.4	.8	.2							9.4	6.9
SW	1.1	1.0	3.4	2.0	.3							8.8	8.6
WSW	.6	3.1	3.7	1.4	.2							9.0	7.9
W	1.5	2.7	2.6	1.1	.1							8.0	6.6
WNW	.9	2.3	2.0	.4								5.6	6.4
NW	1.3	1.5	1.2	.2								3.9	5.9
NNW	.9	2.3	1.2	.1								4.4	5.4
VARBL													
CALM												5.3	
	13.9	36.1	31.0	7.6	1.1							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USC ETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

72339 POPE AFB NC

74-83

MAY

STATION NAME

YEARS

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	3.2	1.8	.0								5.4	5.1
NNE	1.5	3.2	1.6									6.5	4.9
NE	1.2	2.2	1.2									4.5	5.1
ENE	1.6	3.5	.3									5.5	4.3
E	1.2	1.6	1.2	.1								3.7	5.1
ESE	1.7	1.3	.0									3.8	4.1
SE	.6	2.2	.6	.2								3.7	5.6
SSE	1.2	.0	2.0	.2								4.0	6.3
S	1.2	3.4	3.4	.4	.1							8.4	6.7
SSW	.0	2.7	4.2	1.3	.7							9.2	7.8
SW	.2	1.7	3.4	1.9	.1							7.5	8.9
WSW	.0	1.5	2.7	1.5								6.6	8.0
W	1.1	2.3	2.4	1.5	.2							8.0	7.5
WNW	.2	2.2	2.0	.6								5.8	6.7
NW	1.1	1.2	1.6	.3								4.0	6.1
NNW	1.1	2.2	1.4	.1								4.7	5.7
VARBL													
CALM												5.9	
	13.8	35.2	30.6	8.7	.8							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723330 STATION POPE AFB NC 74-P3 MAY NORTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED KNTS; DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	.9	.5	.3								4.2	4.2
NNE	1.5	2.3	.6									4.4	4.5
NE	1.7	1.5	.5									3.8	4.0
ENE	1.6	1.3	.4	.1								3.4	3.8
E	2.6	1.1	.1									3.8	2.8
ESE	1.1	1.1	.1									2.2	4.1
SE	1.9	1.7	.6									4.3	4.3
SSE	1.7	1.6	1.4	.1								5.1	5.1
S	3.2	4.7	2.9	.2								1.1	5.1
SSW	1.2	4.9	2.8	.9								9.8	6.1
SW	.8	2.2	2.4	.1								5.4	6.3
WSW	1.2	1.3	.5	.1								3.1	4.8
W	.5	1.3	.5	.1								2.7	5.3
WNW	1.1	1.7	.2									2.5	3.5
NW	1.4	.6	.3	.1								2.5	4.2
NNW	1.1	1.2	.3	.1		.1						2.8	4.9
VARBL													
CALM												29.4	
	25.2	28.8	14.4	2.2		.1						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 930

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 727332 POPL AFB NC STATION NAME 74-83 YEARS MAY MONTHS
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.5	.3									1.9	3.6
NNE	.8	1.0	.1	.7								2.0	4.9
NE	1.1	.5	.2	.2								2.0	4.3
ENE	1.1	.2	.3									1.6	3.1
E	1.6	.3	.1									2.0	2.8
ESE	1.1	.8	.3									2.2	3.9
SE	.6	.8	.5									1.9	4.7
SSE	1.4	2.3	1.3									5.0	4.9
S	2.8	7.1	3.2									13.1	5.0
SSW	1.6	3.2	2.0	.3								7.2	5.4
SW	1.3	3.1	.8									5.2	4.7
WSW	.9	2.0	.6									3.6	4.9
W	1.0	1.6	.5	.1	.1							3.3	5.4
WNW	.7	.6		.1								1.0	5.2
NW	.7	.4										.6	4.2
NNW	.0	.4										1.3	2.8
VARBL													
CALM												46.0	
	17.5	25.0	10.4	1.0	.1							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

721130 STATION POPE AFB NC 74-83 MAY
STATION NAME YEARS MONTH
ALL WEATHER CLASS 1800-2000
HOURS (L & T)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.4	.4	.1								3.9	4.2
NNE	1.0	.3	.3									1.6	3.7
NE	1.5	.4	.3	.1								2.4	3.7
ENE	1.3	.3	.1									1.7	2.9
E	1.7	.5	.3									2.2	3.4
ESE	.6	.6	.1									1.4	3.8
SE	1.2	.8	.1									2.0	3.1
SSE	1.3	1.1	.8									3.1	4.6
S	3.5	3.4	1.0									8.0	4.1
SSW	2.5	4.3	2.4									9.1	5.3
SW	2.0	3.7	.9									6.6	4.3
WSW	1.8	3.1	1.2									6.1	4.6
W	2.0	1.7	.5									4.3	4.1
WNW	.0	.4										1.3	2.7
NW	.1	.1										.7	3.0
NNW	.2	.3										.5	4.8
VARBL													
CALM												45.6	
	23.2	2.6	8.4	.2								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 570

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFH WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72430 STATION POPF AFB NC STATION NAME 74-83 YEARS MAY MONTHS
ALL WEATHER CLASS 2100-2300 HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.6	.1									2.2	3.5
NNE	1.6	1.3	.6									3.5	4.1
NE	1.2	.9	.3									2.4	3.9
ENE	1.2	.6										1.8	2.9
E	1.2	.6										1.8	2.6
ESE	.6	.3										1.0	2.8
SE	.6	.1										.8	2.4
SSE	.9	1.2	.1	.1								2.3	4.9
S	1.2	2.9	.9									4.9	4.7
SSW	1.5	2.9	1.3									5.7	4.8
SW	2.2	4.8	1.2	.1								8.3	4.4
WSW	3.1	5.4	.9									9.4	4.2
W	2.3	1.4	.2									3.9	3.1
WNW	.4		.1									.5	3.0
NW	.2	.1										.3	2.7
NNW	.5											.5	2.0
VARBL													
CALM												50.8	
	22.1	23.2	5.7	.2								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72730
STATION

POPE AFB NC

STATION NAME

74-83

YEARS

MAY

MONTH

ALL WEATHER
CLASS

ALL
HOUSE (L B T)

CONDITION

SPEED KNTS/ DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.9	1.1	.7								5.1	5.1
NNE	1.2	2.0	1.1	.7								4.4	5.1
NE	1.4	1.4	1.1	.7								4.7	5.0
ENE	1.7	1.6	.6	.7								4.0	4.1
E	1.6	1.2	.4	.7								3.3	3.9
ESE	1.7	1.7	.7	.7								2.2	4.7
SE	.9	1.7	.5	.7								2.4	4.5
SSE	1.2	1.3	1.7	.7	.7							3.7	5.3
S	2.7	3.6	1.0	.7	.7							7.7	5.3
SSW	1.5	3.3	2.7	.5	.7							8.1	6.1
SW	1.3	3.0	2.5	.8	.7							7.6	6.5
WSW	1.5	2.9	2.7	.5	.7							6.9	6.7
W	1.8	2.1	1.5	.4	.7							5.8	5.6
WNW	.9	1.1	.7	.2								2.8	5.4
NW	.6	.6	.5	.1								1.8	5.3
NNW	.8	1.1	.5	.1		.7						2.5	4.9
VARBL													
CALM												27.8	
	21.3	29.0	18.3	3.4	.3	.0						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72 30 STATION POPE AFB NC 74-83 YEARS
JUN MONTH
ALL WEATHER CLASS
3000-0200 HOURS (L & P)
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	2.0	.4	.1								4.2	4.4
NNE	2.3	2.0	1.0									5.3	4.1
NE	1.0	2.3	1.1	.1								5.4	4.6
ENE	3.2	2.4	.6									6.2	3.5
E	1.7	1.3										2.7	3.5
ESE	.1	.3	.2									.7	5.3
SE	.4	.2										.7	2.7
SSE	.2	.7	.1									1.0	4.2
S	1.1	1.3	.1									2.6	3.9
SSW	.9	1.7	.9									3.4	4.8
SW	2.7	4.7	1.9	.2								8.8	5.3
WSW	1.9	4.1	3.8	.1								9.9	5.8
W	3.6	2.7	.4									6.0	3.5
WNW	2.7	.6	.1									2.7	2.9
NW	.3	.4	.2									1.0	4.6
NNW	.7	.4	.1	.1								1.3	4.3
VARBL													
CALM												18.1	
	23.7	26.6	11.0	.7								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFC WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72130 STATION POPE AFB NC 74-23 YEARS JUN MONTH
ALL WEATHER CLASS 0300-0500 HOURS (LST.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 36	%	MEAN WIND SPEED
N	1.6	3.3	2.0	.2								7.3	5.4
NNE	1.6	3.3	2.3	.2								7.4	5.6
NE	1.4	4.4	2.2	.6								8.7	5.8
ENE	1.9	5.8	1.3	.4								9.4	5.4
E	1.2	3.2	.9	.2								5.6	5.1
ESE	1.1	.3	.1									2.0	3.7
SE	.7	.4	.1									1.2	3.8
SSE	.7	1.4	.1									2.2	3.9
S	1.1	2.3	.7									4.3	4.7
SSW	.8	2.1	2.6	.2								5.1	6.1
SW	.6	2.1	3.8	.9								7.3	7.5
WSW	1.9	3.9	3.4	1.0	.1							10.3	6.5
W	1.1	3.7	3.0	.8								8.6	6.4
WNW	1.2	1.8	.8									3.8	4.9
NW	.6	1.4	.4	.3								2.8	6.2
NNW	1.3	1.9	.2	.2								3.7	4.3
VARBL													
CALM												10.2	
	19.2	41.9	23.4	5.1	.1							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723 30 STATION POPE AFB NC STATION NAME 74-83 YEARS JUN NORTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	3.0	.9	.4								6.7	5.2
NNE	1.8	3.2	1.7	.1								6.8	5.2
NE	.4	3.7	2.4	.9								6.8	6.9
ENE	2.6	4.7	2.4	.6								9.6	5.4
E	2.1	3.7	1.9	.1								7.1	4.8
ESE	1.3	1.8	.4									3.6	4.1
SE	1.2	1.7	.6									2.8	4.2
SSE	1.7	1.3	.7									3.0	4.9
S	1.4	1.6	1.6	.1								4.7	5.5
SSW	1.7	4.0	3.1	.7								8.8	6.8
SW	1.3	1.9	2.6	1.0	.1	.1						7.0	7.5
WSW	1.2	2.2	3.2	1.2								7.9	7.2
W	1.1	2.3	2.7	1.0	.1							7.2	7.0
WNW	.7	1.9	1.3	.2	.1							4.2	6.4
NW	.4	1.2	.9	.1								2.7	6.0
NNW	1.2	2.7	.8	.1								4.8	4.9
VARBL													
CALM												7.2	
	20.6	38.1	27.1	6.6	.3	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATM WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72330 POPF AFB NC 74-83 JUN
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
0000-1100
HOURS (L & T)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	3.8	.8	.2								6.2	4.7
NNE	1.3	2.8	1.7									5.8	5.0
NE	1.6	3.9	.8	.6								6.8	5.4
ENE	2.3	3.8	1.6	.3								8.0	5.0
E	2.3	4.1	1.9	.1								8.4	4.9
ESE	1.8	1.4	.4	.1								3.8	4.0
SE	.7	1.2	.7	.2								2.8	5.6
SSE	.0	1.7	.8	.1								3.3	5.1
S	1.3	2.9	2.7	.3								7.2	6.0
SSW	.7	2.3	3.4	.4								6.9	7.0
SW	.2	1.9	2.4	1.7	.1							5.7	8.3
WSW	.4	2.1	3.3	1.7	.2							7.1	8.0
W	.4	2.6	1.2	.6								4.8	6.5
WNW	.8	2.8	2.2	.1								5.9	6.2
NW	.9	1.7	1.0	.1								3.7	5.5
NNW	1.6	1.8	.6	.4								4.3	5.1
VARBL													
CALM												8.7	
	19.2	40.7	25.4	5.7	.3							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723130 STATION POPE AFB NC 74-83 YEARS JUN NORTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.4	.3									3.4	3.7
NNE	1.1	.9	.2									2.2	3.5
NE	1.8	1.8	1.0	.1								4.7	4.6
ENE	1.8	2.7	.8									5.2	4.4
E	3.6	2.8	.1									6.4	3.3
ESE	1.7	1.2	.1									3.0	3.4
SE	1.1	1.2	.3									2.7	4.0
SSE	.9	1.2	.4									2.6	5.0
S	2.2	6.4	1.4	.2								11.0	4.8
SSW	2.2	4.4	2.4	.3								9.4	5.4
SW	.4	1.8	1.4	.3		.1						4.1	7.2
WSW	1.2	1.8	1.7	.1	.1							4.2	5.3
W	1.3	1.6	.6			.1						3.6	5.2
WNW	1.9	.8		.2								2.9	3.7
NW	1.3	.6	.2	.1								2.2	4.0
NNW	1.1	.8	.3									2.1	4.3
VARBL													
CALM												70.2	
	25.9	31.3	10.8	1.4	.1	.2						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723 30
STATION

POPE AFB NC

STATION NAME

79-83

YEARS

JUN
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	.3	.2	.1								1.7	4.4
NNE	.3	.7	.1									1.1	4.0
NE	1.4	.9	.3									2.7	3.8
ENE	.4	.9										1.3	3.8
E	1.7	.1	.1									1.9	2.0
ESE	.4	.4										.9	3.1
SE	1.1	1.1										2.1	3.6
SSE	1.4	1.8	.7									4.2	4.2
S	2.8	5.4	1.2	.2								9.7	4.7
SSW	1.9	4.6	1.9	.2								8.6	5.2
SW	2.0	2.5	1.0	.2								5.2	4.9
WSW	1.3	1.4	.1	.1								3.0	4.2
W	1.4	.3		.1								1.9	3.2
WNW	.7	.2				.1						1.0	4.6
NW	.7	.3										.7	3.3
NNW	.3	.1		.1								.6	4.6
VARBL													
CALM												3.6	
	19.7	20.6	5.7	1.1		.1						100.0	2.0

TOTAL NUMBER OF OBSERVATIONS

970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

72730 STATION POPE AFB NC STATION NAME 74-83 YEARS JUN MONTH
ALL WEATHER CLASS 1830-2000 HOURS (LST) CORDITION

SPEED KNTS: DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.0	.6									1.8	5.6
NNE	1.3	.6	.1									2.0	3.2
NE	.4	.8	.6									1.8	5.2
ENE	.9	.9	.1									1.9	3.6
E	.9	.7										1.1	2.4
ESE	.6	.2										.8	3.0
SE	.6	.9	.1									1.6	4.0
SSE	1.1	.9	.1	.1								2.0	4.0
S	2.4	2.6	.3									5.3	3.8
SSW	2.6	3.4	1.7									7.0	4.3
SW	3.7	3.2	1.9	.2								8.3	4.8
WSW	2.7	3.3	1.1									6.4	4.8
W	2.3	1.2	.4									4.0	3.7
WNW	.5	.8										1.3	3.4
NW		.1	.1									.2	6.0
NNW	.4	.4										.9	3.4
VARBL													
CALM												53.6	
	19.4	20.2	6.9	.3								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

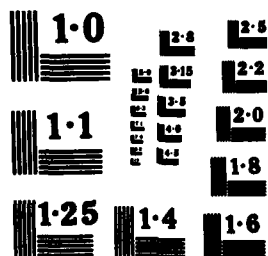
PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72130 STATION 72130 POPP AFB NC STATION NAME 74-83 YEARS JUN MONTH 100-2300 HOURS (LST) ALL WEATHER CLASS CONDITION

SPEED KNTS. DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	.2	.7									3.0	4.4
NNE	.4	.6	.2									1.2	4.7
NE	1.7	1.2	1.0									3.6	4.8
ENE	2.0	.9										2.9	2.7
E	1.7	.3										1.7	2.7
ESE	.2	.1										.3	2.7
SE	.2	.2										.4	3.0
SSE	.7	.1										.8	3.0
S	.3	.9	.2									1.9	3.9
SSW	1.2	2.1	.6	.1								4.0	4.6
SW	2.6	5.2	1.0	.2								9.0	4.5
WSW	3.3	6.8	.9									11.0	4.4
W	2.2	1.1	.2									3.6	3.3
WNW	1.8	.3										2.1	2.5
NW	.1	.4	.1									.7	4.7
NNW	.4	.1										.6	2.4
VARBL													
CALM												3.3	
	20.1	21.3	4.9	.3								10.0	2.2

TOTAL NUMBER OF OBSERVATIONS



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEARS

1111
MONTH

ALL WEATHER
CLASS

ALL
CODE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.9	.7	.1								9.3	9.8
NNE	1.3	1.7	.9	.0								9.0	9.8
NE	1.3	2.3	1.2	.3								5.0	5.8
ENE	1.9	2.7	.8	.2								5.6	9.7
E	1.8	1.9	.6	.1								9.9	9.2
ESE	.9	.8	.2	.0								1.9	1.8
SE	.7	.8	.2	.0								1.8	9.2
SSE	.9	1.1	.4	.0								2.9	9.8
S	1.8	2.9	1.0	.1								5.8	9.8
SSW	1.4	3.1	1.9	.2								6.7	5.6
SW	1.5	2.8	2.0	.5	.0	.0						6.9	6.1
WSW	1.7	3.2	2.1	.4	.1	.0						7.5	5.9
W	1.7	1.8	1.1	.3	.0	.0						9.9	5.3
WNW	1.2	1.1	.6	.1	.0	.0						3.8	9.8
NW	.5	.8	.4	.1								1.7	5.3
NNW	.9	1.0	.2	.1								2.3	9.6
VARBL													
CALM												31.9	
	20.9	30.1	14.3	2.7	.1	.1						108.0	1.5

TOTAL NUMBER OF OBSERVATIONS

7288

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030
STATION

POPE AFB NC

STATION NAME

74-83

YEAR

JUL
MONTH

ALL WEATHER

CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	.5	.1									2.5	2.8
NNE	1.3	1.1										2.4	3.3
NE	2.5	1.4	.2									4.1	3.1
ENE	2.5	1.8	.3									4.6	3.5
E	.6	.4										1.1	3.2
ESE	.2											.2	3.0
SE	.6	.1	.1									.9	2.8
SSE	.2	.5										.8	4.0
S	.9	.9										1.7	3.7
SSW	2.4	2.0	.8									5.2	3.9
SW	4.0	7.3	1.8									13.1	4.4
WSW	3.2	5.6	2.0	.1								11.0	4.6
W	4.8	2.3	.5									7.6	3.4
WW	2.5	.8										3.2	2.6
NW	.2	.3	.1									.6	4.2
NNW	.8	.2										1.0	2.8
VARB													
CALM												40.1	
	28.5	25.3	6.0	.1								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC FORM 0-6-5 (GL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030
STATION

POPE AFB NC

STATION NAME

78-83

YEAR

JUL
MONTH

ALL WEATHER

CLASS

0300-0500

ROUND (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	3.2	.6									5.5	8.2
NNE	1.8	2.9	.5									5.3	9.0
NE	1.7	2.9	.9									5.5	9.7
ENE	3.5	3.5	1.1	.1								8.3	9.1
E	1.2	2.2	.5									3.9	9.9
ESE	.8	1.4	.1									2.3	9.1
SE	1.2	.2	.1									1.5	2.8
SSE	.5	.8	.1									1.8	9.0
S	1.7	2.2	.3									9.2	9.0
SSW	1.4	2.7	2.0									6.1	5.3
SW	1.4	4.1	2.7	.8								8.9	6.2
WSW	3.0	5.1	4.6	.6								13.3	5.9
W	2.3	4.5	2.7	.2								9.7	5.9
WNW	1.1	2.3	.4									3.8	9.5
NW	1.0	1.2	.1									2.3	3.6
NNW	1.5	1.1	.3									2.9	3.7
VARBL													
CALM												15.3	
	25.7	40.1	17.2	1.7								100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030
STATION

POPE AFB NC

STATION NAME

74-83

YEAR

JUL
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.9	.8									4.2	4.5
NNE	2.4	3.5	.6									6.6	4.1
NE	2.2	2.6	.9									5.6	4.2
NNE	2.3	3.2	.8									6.2	4.2
E	1.6	3.3	.9									5.8	4.6
ESE	.8	1.4	.3									2.5	4.4
SE	1.2	1.2	.4									2.8	4.2
SSE	.9	1.4	.4	.1								2.8	5.0
S	1.3	3.8	2.5	.1								7.6	5.6
SSW	1.8	4.3	2.9	.3								9.4	5.8
SW	1.5	3.7	3.2	1.1								9.5	6.5
WSW	1.0	3.5	3.2	.2	.1							8.1	6.3
W	1.4	4.1	1.8	.3								7.6	5.5
WNW	1.6	3.8	1.7	.2								6.6	5.4
NW	.6	1.3	.8	.1								2.8	5.0
NNW	1.4	2.2	.3	.1								4.0	4.3
VARBL													
CALM												8.1	
	23.3	44.4	21.5	2.6	.1							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (BL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030
STATION

POPE AFB NC

STATION NAME

74-83

YEARS

1111
MONTHS

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	1.5	.1									8.1	3.2
NNE	2.0	2.2	.6	.1								4.9	4.3
NE	2.6	2.5	.5	.1								5.7	3.8
ENE	2.4	3.8	1.0									7.1	4.2
E	1.6	2.5	.2									4.3	3.8
ESE	1.3	1.3	.3									2.9	3.7
SE	.9	2.2	.5	.1								3.7	5.3
SSE	1.1	1.9	1.0	.1								4.1	5.0
S	1.7	4.3	2.4	.2								8.6	5.6
SSW	.9	5.9	3.9	.2								10.9	6.3
SW	.4	3.2	3.9	.8	.2							8.5	7.6
WSW	1.3	2.4	2.3	.9	.1							6.9	6.7
W	1.1	1.8	2.5	.1								5.5	6.2
WNW	1.7	2.4	1.9	.3	.1							6.5	5.8
NW	1.3	1.3	.3		.1							3.0	4.5
NNW	1.0	1.8	.4									3.2	4.2
VARBL													
CALM												10.2	
	23.7	48.9	25.8	2.9	.5							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (SL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.4	.1	.1								2.0	3.4
NNE	.9	.3										1.2	2.9
NE	2.2	.4	.1									2.7	2.6
ENE	2.4	.6	.2									3.2	3.0
E	2.5	1.5										4.0	2.9
ESE	1.2	1.1										2.3	3.3
SE	1.6	1.3	.2									3.1	3.8
SSE	2.7	1.7	.6									5.2	4.2
S	4.9	5.2	1.2									11.3	4.0
SSW	1.7	6.4	4.2	.1								14.4	5.5
SW	1.4	4.0	1.5	.2								7.1	5.3
WSW	.8	2.0	1.0	.2								4.0	5.5
W	1.4	1.6	.5	.1								3.7	4.4
WNW	1.5	.6	.2	.1								2.5	3.8
NW	.9	.3										1.2	3.0
NNW	.4	.2	.2	.1								1.0	5.0
VARB.													
CALM												31.3	
	27.7	20.8	18.2	1.0								108.0	3.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030

POPE AFB NC

74-83

JUL

STATION

STATION NAME

YEAR

MONTH

ALL WEATHER

1500-1700
GUSTS (L.E.V.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.2										.5	3.2
NNE	.5	.1	.1									.8	3.0
NE	1.0				.1							1.1	3.8
ENE	.6	.1	.1									.9	2.8
E	.6	.3										1.0	2.7
ESE	.3	.2										.5	2.8
SE	1.5	.3	.1									1.9	2.8
SSE	.9	.5	.1									2.5	3.8
S	3.2	4.8	1.2									9.2	4.1
SSW	4.0	7.4	2.2	.1								13.7	4.7
SW	2.6	4.6	.9	.1								8.2	4.2
WSW	2.7	3.0	1.0	.1								6.8	4.9
W	1.7	1.2	.4									3.3	3.8
WWW	1.2	.1										1.3	2.6
NW	.5	.1										.6	2.1
NNW	.2	.1										.3	3.0
VARIABLE													
CALM												47.4	
	21.9	29.2	6.0	.3	.1							100.0	2.2

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030
STATION

POPE AFB NC

STATION NAME

74-83

YEARS

JUL
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

COORDINATE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4											.4	2.0
NNE	.4	.4	.1									1.0	4.0
NE	.9	.2		.1								1.2	3.2
NNE	1.3	.2										1.5	2.4
E	.6	.1										.6	2.3
ESE	.4	.2										.6	3.0
SE	.6	.1										.6	2.4
SSE	.6	.3										1.0	2.7
S	2.0	1.5	.2									3.8	3.4
SSW	3.0	5.6	.8									9.4	4.3
SW	3.2	7.5	1.1	.1								11.9	4.5
WSW	3.7	6.6	1.4									11.6	4.3
W	4.1	1.0	.1									5.2	2.7
WNW	1.2	.2										1.4	2.5
NW	.1	.1										.2	3.5
NNW		.2										.2	6.0
VARIABLE													
CALM												49.1	
	22.7	24.3	3.7	.2								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723030
STATION

POPE AFB NC

STATION NAME

74-83

YEARS

111
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.1										1.1	2.3
NNE	.8	.4	.2									1.4	3.6
NE	.6	.1										.8	2.8
NNE	1.6	.2	.1									1.9	2.7
E	.8	.9	.2									1.9	3.5
ESE		.2										.2	5.0
SE	.6											.6	2.0
SSE	.5	.3										.9	3.0
S	1.4	.4										1.8	2.6
SSW	3.1	2.4	.1									5.6	3.8
SW	4.3	6.3	1.2									11.8	4.2
WSW	4.3	7.0	.3									11.6	3.7
W	3.3	1.4	.1									4.8	2.8
WWW	.6	.2										.9	2.6
NW	.2											.2	2.5
NNW	.2	.2										.8	3.8
VARBL													
CALM												54.5	
	23.9	19.8	2.3									100.8	1.6

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC FORM 0-6-5 (8L A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030

POPE AFB NC

74-83

JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

GROUP (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.0	.2	.0								2.5	3.7
NNE	1.3	1.4	.3	.0								2.9	3.9
NE	1.7	1.3	.3	.0	.0							3.3	3.8
ENE	2.1	1.7	.4	.0								4.2	3.8
E	1.2	1.3	.2									2.8	3.8
ESE	.6	.7	.1									1.4	3.8
SE	1.0	.7	.2	.0								1.9	3.8
SSE	.9	1.1	.3	.0								2.3	4.3
S	2.2	2.9	1.0	.0								6.0	4.5
SSW	2.3	4.8	2.1	.1								9.3	5.1
SW	2.4	5.1	2.0	.4	.0							9.9	5.3
WSW	2.5	4.4	2.0	.3	.0							9.2	5.1
W	2.5	2.2	1.1	.1								5.9	4.4
WWW	1.4	1.2	.5	.1	.0							3.3	4.5
NW	.6	.6	.2	.0	.0							1.4	4.1
NNW	.7	.8	.2	.0								1.6	4.0
VARBL													
CALM												32.0	
	24.6	31.1	11.1	1.1	.1							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030 POPE AFB NC 78-83 AUG
STATION NAME YEAR MONTH
ALL WEATHER
CLASS
CONDITION
0000-0200
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.4	.1									1.7	3.0
NNE	2.4	1.3	.4	.2								4.3	3.7
NE	2.5	2.5	.4	.3								5.7	4.3
ENE	2.3	1.2	.2	.1								3.8	3.5
E	.6	.4										1.1	2.6
ESE	.2	.1										.3	3.3
SE	.2	.2										.4	3.3
SSE	.1	.2										.3	3.3
S	1.3	.6										1.9	3.1
SSW	2.2	2.6	.3									5.1	4.0
SW	2.2	5.3	1.8	.2								9.1	5.0
WSW	4.4	4.8	.9									10.1	4.0
W	2.9	2.4	.3									5.6	3.5
WNW	1.5	.5										2.0	2.6
NW	.8	.1										.9	1.9
NNW	.5		.1									.6	3.5
VARB													
CALM												47.0	
	25.2	22.7	4.3	.9								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72303D POPE AFB NC

74-83

ANG

STATION

STATION NAME

YEARS

MONTHS

ALL WEATHER

CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.8	.8									4.8	3.9
NNE	2.2	2.6	.8	.1								5.6	4.3
NE	3.1	4.7	1.3	.2								9.4	4.6
ENE	3.4	3.7	1.7									8.8	4.5
E	1.9	2.7	.4									5.1	4.2
ESE	1.5	.6	.2									2.4	3.2
SE	.6	.9										1.5	3.6
SSE	.6	.8	.1	.1								1.6	3.9
S	1.4	1.5	.3	.1								3.3	4.1
SSW	2.6	3.5	1.1									7.2	4.4
SW	1.8	4.1	1.9	.3								8.2	5.4
WSW	2.3	5.5	3.4	.3								11.5	5.7
W	3.2	4.5	2.3	.2								10.2	4.9
WNW	1.0	1.3	.3									2.6	4.1
NW	.8	.4										1.2	2.7
NNW	1.1	1.1	.1	.1								2.4	3.9
VARBL													
CALM												14.3	
	29.8	39.7	14.7	1.5								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030
STATION

POPE AFB NC

STATION NAME

74-83

YEARS

AUG

MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.1	1.1	.1								5.6	8.9
NNE	2.8	3.2	.8									6.8	4.3
NE	1.9	4.4	1.9	.1								8.4	5.1
ENE	1.6	3.7	1.6									6.9	4.9
E	2.7	3.2	1.1									7.0	4.2
ESE	1.0	.9	.3									2.2	3.9
SE	.8	1.5	.6									2.9	4.7
SSE	1.2	1.5	.4									3.1	4.0
S	1.6	3.3	1.2	.1								6.2	4.8
SSW	1.4	3.8	3.0	.4								8.6	6.1
SW	1.7	3.4	2.8	.3								8.3	5.9
WSW	1.4	4.8	4.5	.2								11.0	6.4
W	1.1	2.8	2.9	.1								6.9	6.1
WNW	.8	2.2	.6									3.6	4.9
NW	.5	1.5	.1	.1								2.3	4.4
NNW	1.3	1.2	.1									2.6	3.6
VARBL													
CALM												7.8	
	23.0	44.6	23.1	1.5								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030

POPE AFB NC

74-83

AUG

STATION

STATION NAME

YEAR

MONTH

ALL WEATHER

0900-1100

LOCAL (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	2.3	1.3	.2								7.0	4.5
NNE	3.4	3.8	.4	.1								7.7	4.0
NE	2.7	2.5	1.2	.2								6.6	4.9
ENE	1.8	3.2	.4	.2								5.7	4.5
E	3.3	2.8	.9									7.0	4.0
ESE	1.2	2.0	.2									3.4	4.3
SE	1.2	1.3	.3									3.0	4.5
SSE	1.2	1.2	.3	.1	.1							2.9	5.0
S	2.3	4.4	1.7	.4								8.8	5.4
SSW	1.0	4.7	4.2	.8								10.6	6.7
SW	1.0	4.4	3.4	.6								9.5	6.8
WSW	.8	3.1	1.2	.4	.1							5.6	6.3
W	1.4	1.8	1.1	.1								4.4	5.5
WNW	1.4	1.3	.9									3.5	4.3
NW	1.0	1.6	.2									2.8	4.3
NNW	1.0	1.3	.5	.1								2.9	4.5
VARIABLE													
CALM												8.5	
	27.7	41.7	18.5	3.3	.2							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030 POPE AFB NC

STATION NAME

74-83

YEARS

AUG

MONTH

ALL WEATHER

CLASS

1200-1800

MOON (L.E.V.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	.3	.3		.1							2.6	3.9
NNE	2.5	1.6	1.0									5.1	4.2
NE	2.6	1.1	.2	.3								4.2	3.9
ENE	1.7	1.0										2.7	2.9
E	2.6	1.0										3.5	2.8
ESE	1.5	.5	.2									2.3	3.5
SE	1.6	.4	.2									2.3	3.1
SSE	2.3	1.5	.5									4.3	3.8
S	4.1	5.1	1.6	.1								10.9	4.4
SSW	2.7	6.3	1.5									10.5	4.8
SW	2.2	3.2	1.4	.2								7.0	4.9
WSW	1.8	1.8	.6									4.3	4.3
W	1.0	1.1	.1	.1								2.3	4.3
WNW	.8	.6	.3									1.7	4.3
NW	.8											.8	2.0
NNW	1.3	.3										1.6	2.3
VARBL													
CALM												34.1	
	31.1	25.9	8.1	.8	.1							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030 POPE AFB NC 74-83 AUG
STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.4		.1								1.3	3.7
NNE	.9	.8	.3									1.9	4.2
NE	1.1	.5		.1								1.7	3.6
ENE	1.3	.2	.2	.1								1.8	3.8
E	.5											.5	1.6
ESE	.2	.1	.1									.4	3.8
SE	.4	.6	.1									1.2	4.0
SSE	1.4	1.7										3.1	3.8
S	4.5	6.3	1.4									12.3	4.2
SSW	2.3	6.1	1.8	.2								10.4	5.1
SW	2.9	3.2	.6									6.8	3.9
WSW	1.6	1.7	.2									3.5	3.7
W	1.3	.6										1.9	3.0
WNW	.5	.2	.1	.1								1.0	4.4
NW	.1											.1	2.0
NNW	.2	.2										.4	3.3
VARBL													
CALM												51.5	
	20.0	22.9	4.9	.6								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030 POPE AFB NC 78-83 AUG
STATION NAME YEAR MONTH
ALL WEATHER
CLASS
CONDITION
1800-2000
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.5	.1	.1								1.8	4.3
NNE	1.0	.6		.1								1.7	3.6
NE	1.6	1.2	.3									3.1	4.0
ENE	.6	.2	.2									1.1	3.6
E	.6	.1										.8	1.9
ESE	.9											.9	1.8
SE		.1										.1	4.0
SSE	1.3	.2										1.5	2.5
S	1.9	1.2										3.1	2.9
SSW	4.1	4.3	.9									9.2	3.8
SW	5.6	5.6	1.4									12.6	4.0
WSW	4.9	4.3	.4	.1								9.8	3.7
W	1.3	.6	.1									2.0	3.0
WNW	.6	.2										.9	2.4
NW	.1											.1	1.0
NNW	.2		.1									.3	3.3
VARBL													
CALM												51.4	
	25.5	19.2	3.5	.3								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030 POPE AFB NC 74-83 AUG
STATION MONTH YEAR
ALL WEATHER
CLASS
2100-2300
MOVES (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.1	.2									1.0	3.6
NNE	1.6	.3	.2									2.2	2.7
NE	1.6	1.7	.4									3.8	3.9
ENE	1.2	.3	.3									1.8	3.5
E	.3	.1	.1									.5	3.0
ESE	.5											.5	1.8
SE	.4											.4	1.5
SSE	.4	.1										.5	2.8
S	1.2	.5	.1									1.8	3.1
SSW	3.3	1.6	.3									5.3	3.2
SW	5.6	4.7	.4									10.8	3.5
WSW	4.6	5.4	.2	.1								10.3	3.8
W	2.2	.3										2.5	2.5
WNW	.6											.6	1.7
NW	.2	.1										.3	2.3
NNW	.1											.1	2.0
VARBL													
CALM												57.5	
	24.6	15.4	2.4	.1								100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030 STATION POPE AFB NC 78-83 YEARS AUG

ALL WEATHER
CLASS

ALL
MOON (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.1	.5	.1	.0							3.2	4.2
NNE	2.1	1.8	.5	.1								4.4	4.0
NE	2.1	2.3	.7	.2								5.4	4.5
ENE	1.7	1.7	.6	.1								4.1	4.2
E	1.6	1.3	.3									3.2	3.8
ESE	.9	.5	.1									1.5	3.5
SE	.7	.6	.2									1.5	3.9
SSE	1.1	.9	.2	.0	.0							2.2	3.9
S	2.3	2.9	.8	.1								6.0	4.4
SSW	2.4	4.1	1.6	.2								8.4	5.0
SW	2.9	4.2	1.7	.2								9.0	4.9
WSW	2.7	3.9	1.4	.1	.0							8.3	4.8
W	1.8	1.8	.8	.1								4.5	4.6
WWW	.9	.8	.3	.0								2.0	4.0
NW	.5	.5	.0	.0								1.0	3.5
NNW	.7	.5	.1	.0								1.4	3.7
VARBL													
CALM												34.0	
	25.9	29.0	9.9	1.1	.0							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 7839

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030
STATION

POPE AFB NC

STATION NAME

74-83

YEARS

SEP

MONTH

ALL WEATHER

CLASS

0000-0200

GROUP (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.9	.6									4.8	3.7
NNE	2.6	3.1	1.1	.2								7.0	4.6
NE	3.9	3.6	.7									8.2	3.8
ENE	3.0	2.4	.4									5.9	3.6
E	1.8	.6	.1	.1								2.6	3.4
ESE	.1											.1	1.0
SE	.3	.4		.1								.9	5.1
SSE	.1	.2	.1									.4	5.0
S	.3	.8										1.1	4.1
SSW	.9	2.1	.2									3.2	4.5
SW	2.0	2.1	1.4									5.6	4.8
WSW	1.4	2.3	.8									4.6	4.9
W	2.3	1.1	.1									3.6	2.9
WNW	1.1	.6	.1									1.8	3.2
NW	1.2	.1										1.3	2.3
NNW	.8	.3	.1									1.2	3.3
VARB.													
CALM												47.9	
	24.2	21.7	5.8	.4								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEARS

SFP
MONTHS

ALL WEATHER
CLASS

0300-0500
HOURS (L.E.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.8	1.7	.1								6.9	4.8
NNE	3.0	5.8	3.8	.9								13.4	5.7
NE	3.7	5.0	3.4	1.0	.1							13.2	5.7
NNE	2.7	5.4	2.7									10.8	4.9
E	3.1	2.7	1.2									7.0	4.2
ESE	1.0	.7										1.7	3.5
SE	.2	.8	.1									1.1	4.5
SSE	.3	.8	.3									1.9	4.5
S	.6	.9	.6	.3								2.3	6.5
SSW	.9	1.2	.7	.2								3.0	5.5
SW	1.0	2.6	2.2	.6								6.3	6.5
WSW	1.7	2.4	1.2	.6	.1							6.0	5.9
W	2.3	3.0	1.3	.3								7.0	5.0
WNW	1.7	1.2	.3									3.2	3.8
NW	.8	.9	.3									2.0	4.2
NNW	1.1	1.6	.8									3.4	4.6
VARBL													
CALM												11.1	
	26.3	37.7	20.7	4.0	.2							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

900

USAFETAC FORM 6-5-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030

POPE AFB NC

74-83

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0600-0800

GMT (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.8	2.1	.3								8.1	5.3
NNE	3.0	5.0	3.1	1.0								12.1	5.7
NE	2.8	4.2	4.0	.4								11.4	5.8
NNE	2.3	4.9	2.3	.1								9.7	5.1
E	2.7	3.4	1.0	.1								7.2	4.4
ESE	1.6	1.9	.1	.1								3.7	3.8
SE	.4	.6	.4									1.4	5.2
SSE	1.0	1.2	.3	.3								2.9	5.2
S	1.4	2.0	1.0	.1								4.6	5.0
SSW	1.1	1.3	1.7	.7								4.8	6.8
SW	.9	1.9	2.2	.2	.1							5.3	6.7
WSW	1.8	2.6	2.6	1.1								8.0	6.4
W	1.3	2.7	2.0	.1								6.1	5.8
WWW	.8	.9	.7									2.3	4.7
NW	.4	.7	.4	.1								1.7	5.4
NNW	1.4	2.4	.8									4.7	4.8
VARBL													
CALA												6.0	
	24.9	39.4	24.8	4.8	.1							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030 POPE AFB NC 78-83 SEP
STATION NAME STATION DATE YEAR MONTHS
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.8	3.4	1.0	.2								8.8	4.3
NNE	3.6	3.9	1.7	.2								9.3	4.6
NE	4.1	4.4	2.4	.6								11.6	5.1
NNE	3.4	5.0	1.9	.1								10.4	4.7
E	2.4	3.2	.3	.1								6.1	4.1
ESE	1.9	1.3	.1									3.3	3.9
SE	1.0	1.0	.2									2.2	4.2
SSE	1.2	1.1	.9									3.2	4.6
S	.8	2.8	1.2	.1								4.9	5.6
SSW	.9	2.8	2.3	.6								6.6	6.9
SW	1.0	2.0	2.0	.1								5.1	6.3
WSW	.4	1.8	2.0	.7								4.9	7.1
W	1.1	2.7	1.6									5.3	5.6
WNW	1.9	2.0	.4									4.3	3.9
NW	.9	1.1	.1									2.1	3.5
NNW	2.1	1.8	.6	.1								4.6	4.1
VARBL													
CALM												7.6	
	30.6	40.3	18.8	2.8								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030
STATION

POPE AFB NC

STATION NAME

74-83

YEARS

SEP

MONTH

ALL WEATHER

CLASS

1200-1400

GROUP (L.S.T.)

CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	.9	.4									3.7	3.2
NNE	3.3	3.2	.9									7.4	3.9
NE	3.3	2.7	.3									6.3	3.4
ENE	1.1	.7	.7									2.4	4.2
E	2.3	1.0										3.3	2.6
ESE	.9	.7	.1									1.7	3.5
SE	.9	.6	.1									1.6	3.4
SSE	.8	1.0	.2									2.0	4.1
S	1.9	2.3	1.8									6.0	4.7
SSW	2.1	3.1	.9									6.1	4.4
SW	1.6	1.0	.4		.1							3.1	4.3
WSW	1.1	.8	.3									2.2	4.0
W	.7	.2										.9	2.8
WWW	1.0	.1										1.1	2.2
NW	.1	.2										.3	4.8
NNW	1.1	.2	.4	.1								1.9	4.5
VARIABLE												49.9	
CALM													
	24.6	18.7	6.7	.1	.1							100.0	1.9

TOTAL NUMBER OF OBSERVATIONS

909

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.0	.7	.1								2.9	4.8
NNE	2.0	1.3	.7	.1								4.1	4.3
NE	1.9	1.8	.1									3.8	3.7
ENE	1.3	.8	.3									2.4	3.9
E	1.6	.3	.2									2.1	3.0
ESE	.6	.2	.1									.9	3.6
SE	.6	.4	.2									1.2	4.0
SSE	.9	.7	.2									1.8	3.7
S	2.6	2.7	.9									6.1	4.4
SSW	1.3	2.7	1.9	.1								6.0	5.6
SW	1.0	1.0	.7	.1								2.8	5.0
WSW	1.3	1.1	.2									2.7	3.9
W	1.3	.3	.1									1.8	2.9
WWW	1.0	.2										1.2	2.5
NW	.4	.1										.6	2.6
NNW	.6	.1	.2									.9	3.9
VARB													
CALM												58.8	
	19.4	14.8	6.6	.4								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030

POPE AFB NC

74-83

SEP

STATION

STATION NAME

YEARS

MONTHS

ALL WEATHER

CLASS

1800-2000
MOON (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	1.8	.3									4.2	3.5
NNE	2.2	1.9	.2									4.3	3.4
NE	2.2	1.9	.4									4.6	3.8
ENE	1.7	.4	.1									2.2	3.0
E	1.0	.9	.3	.1	.1							2.4	5.1
ESE	.4	.6										1.0	3.2
SE	.2	.1	.1									.4	5.0
SSE		.3	.1									.4	5.0
S	.7	1.0	.3									2.0	4.3
SSW	1.0	1.6	.7	.2								3.4	4.9
SW	2.2	3.0	1.3	.2								6.8	4.8
WSW	2.4	2.2	.4									5.1	3.9
W	1.1	.7										1.8	2.8
WNW	.4	.1										.6	2.2
NW	.2											.2	2.0
NNW	.6	.1										.7	2.2
VARBL													
CALM												59.8	
	18.6	16.6	4.4	.6	.1							100.0	1.6

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030 STATION POPE AFB NC STATION NAME 74-83 YEARS SEP MONTHS
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	1.9	.4									4.4	3.8
NNE	3.6	2.4	.6	.1								6.7	3.7
NE	1.8	2.2	.1									4.1	3.7
ENE	1.2	1.3	.3									2.9	4.1
E	.8	.4	.1	.1	.1							1.6	5.3
ESE	.4	.1	.2									.8	4.7
SE		.4										.4	5.3
SSE	.2	.2										.4	3.5
S	.3	.7	.1									1.1	4.1
SSW	1.6	1.3	.2									3.1	4.0
SW	2.8	2.8	1.1									6.7	4.3
WSW	2.4	2.4	.6									5.4	3.9
W	1.7	.3	.2									2.2	2.7
WNW	1.1	.2		.1								1.4	3.5
NW	.4	.3										.8	3.4
NNW	.8	.2										1.0	2.9
VARBL													
CALM												56.9	
	21.2	17.4	4.0	.3	.1							100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
MOON (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.2	.9	.1								5.4	4.3
NNE	2.9	3.3	1.5	.3								8.1	4.8
NE	3.0	3.2	1.4	.2	.0							7.9	4.7
ENE	2.1	2.6	1.1	.0								5.8	4.5
E	2.0	1.6	.4	.1	.0							4.0	4.0
ESE	.9	.7	.1	.0								1.6	3.6
SE	.5	.5	.2	.0								1.2	4.4
SSE	.6	.7	.3	.0								1.6	4.5
S	1.1	1.6	.7	.1								3.5	4.9
SSW	1.2	2.0	1.1	.2								4.5	5.4
SW	1.6	2.0	1.4	.2	.0							5.2	5.4
WSW	1.6	2.0	1.0	.3	.0							4.9	5.2
W	1.5	1.4	.7	.1								3.6	4.5
WNW	1.1	.7	.2	.0								2.0	3.6
NW	.6	.4	.1	.0								1.1	3.8
NNW	1.1	.8	.4	.0								2.3	4.2
VARBL													
CALM												37.2	
	23.7	25.8	11.5	1.7	.1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS

7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	2.3	.6	.2								6.6	4.0
NNE	1.7	3.4	1.8	.2								7.2	5.2
NE	2.3	2.5	1.0	.3								6.0	4.9
ENE	1.5	.8	.1									2.4	3.1
E	.6	.2										.9	2.5
ESE	.3	.2										.5	3.8
SE	.1	.1										.2	3.5
SSE	.1											.1	2.0
S	.2	.6	.2									1.1	4.9
SSW	.3	.8	.8									1.8	5.9
SW	1.4	2.0	.9	.1								4.4	4.9
WSW	1.4	1.3	1.0	.1								3.8	5.0
W	2.6	1.0	.3									3.9	3.3
WNW	2.0	.8	.2									3.0	2.9
NW	.9	.6	.5									2.0	4.6
NNW	1.0	.5	.3	.1								1.9	4.7
VARBL													
CALM												54.2	
	19.9	17.1	7.7	1.1								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030 POPE AFB NC 74-83 OCT

STATION STATION NAME YEAR

ALL WEATHER

CLASS

CONDITION

0300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.8	3.2	1.3								10.3	6.5
NNE	1.3	2.8	4.3	1.5								9.9	7.4
NE	2.2	3.5	3.3	1.4								10.4	6.6
ENE	2.7	4.7	1.2	.6								9.2	5.0
E	1.4	3.1	.9									5.4	4.6
ESE	.8	.2	.2									1.2	3.3
SE	.2	.9	.1									1.2	4.4
SSE	.6	1.0	.1									1.7	4.1
S	1.0	1.2	.4	.1								2.7	4.9
SSW	.9	1.3	.8	.6								3.5	6.4
SW	.5	1.5	1.6	1.0								4.6	7.6
WSW	1.6	1.7	2.5	.9	.1							6.8	6.7
W	1.6	2.4	1.1	.8								5.8	5.6
WNW	.9	1.1	.9	.6								3.4	6.3
NW	.8	1.2	1.4	.4								3.8	6.7
NNW	1.2	1.3	1.1	.6								4.2	6.3
VARBL													
CALM												15.8	
	19.6	31.6	23.0	9.9	.1							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030 STATION POPE AFB NC 74-83 OCT 0600-0800
STATION NAME YEARS MONTH HOUR (L&T)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.3	4.5	1.2								10.8	6.8
NNE	1.3	3.4	5.2	1.0								10.9	7.0
NE	1.5	4.5	3.4	.3								9.8	6.1
ENE	1.5	3.2	2.8	.3								7.8	5.9
E	2.5	1.8	.9	.1								5.3	4.5
ESE	.8	1.0	.2									1.9	4.2
SE	.3	1.1	.3									1.7	4.8
SSE	1.1	1.6	1.0									3.7	4.9
S	1.5	.9	.9									3.2	4.6
SSW	1.2	1.2	2.2	.8	.1							5.4	7.1
SW	.9	1.4	1.5	1.1	.1							4.9	7.7
WSW	1.1	2.3	2.4	1.4	.4							7.5	8.1
W	1.1	2.8	2.5	.8								7.1	6.3
WNW	1.0	2.3	1.7	.8	.1							5.8	6.9
NW	.9	.9	.9	.3								2.9	6.0
NNW	.8	1.9	1.6	.8	.1							5.2	7.0
VARBL													
CALM												6.1	
	18.9	33.5	31.8	8.7	.9							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030
STATION

POPE AFB NC

STATION NAME

74-83

YEARS

OCT

MONTH

ALL WEATHER

CLASS

0900-1100

PERIOD (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	4.8	3.1	.6	.1							11.5	5.8
NNE	1.9	5.1	2.7	.6								10.3	5.7
NE	2.5	3.9	2.3	.5								9.1	5.4
NNE	1.9	2.8	.9									5.6	4.3
E	2.3	.8	.1									3.1	2.8
ESE	1.7	.5	.4									2.7	3.4
SE	1.3	.9	.1									2.3	3.6
SSE	1.5	1.8	.5									3.9	4.2
S	1.3	1.7	1.2	.2								4.4	5.4
SSW	1.3	1.5	1.5	.6								4.9	6.6
SW	.8	1.0	2.3	.9	.1							4.9	7.6
WSW	.9	1.5	2.0	.8								5.2	6.8
W	1.0	1.7	2.3	.9								5.8	7.2
WNW	1.4	2.2	.8	.3	.1							4.7	5.4
NW	1.4	1.5	.6	.5								4.1	5.3
NNW	1.7	2.2	1.3	.4	.1							5.7	5.8
VARBL													
CALM												11.7	
	25.6	33.8	22.0	6.5	.4							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030
STATION

POPE AFB NC

STATION NAME

74-93

YEARS

OCT
MONTH

ALL WEATHER
CLASS

1200-1400
GROUP (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	1.3	.8	.6	.2							5.7	5.5
NNE	2.3	2.7	.9	.2								6.0	4.7
NE	1.1	2.2	1.2	.1								4.5	5.2
ENE	.6	.3	.1	.1								1.2	4.5
E	.9	.1										1.0	2.6
ESE	.4											.4	2.0
SE	.1	.4	.1									.6	5.2
SSE	1.1	1.4	.3									2.8	4.3
S	1.3	1.9	.4									3.7	4.1
SSW	1.1	1.2	.8	.1								3.1	5.3
SW	.9	1.8	.3	.2								3.2	5.2
WSW	.6	1.0	.2									1.8	4.8
W	.4	.9	.5									1.8	5.2
WWW	.6	.1	.2									1.0	3.9
NW	.4	1.0	.2									1.6	4.5
NNW	.9	.3	.5	.1								1.8	5.0
VARBL													
CALM												59.7	
	15.5	16.6	6.6	1.5	.2							100.0	1.9

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC FORM 0-5-5 (BL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030
STATION

POPE AFB NC

STATION NAME

74-83

YEARS

OCT
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.7	1.7	.1	.1							5.4	5.6
NNE	1.1	1.6	1.3	.1								4.1	5.4
NE	1.2	1.5	1.4	.3								4.4	5.7
ENE	1.2	1.2	.9									3.2	4.6
E	.9	.5										1.4	3.2
ESE	.2	.2										.4	3.0
SE	.5	.2										.8	2.4
SSE	.6	1.0	.3	.1								2.0	5.0
S	1.3	2.0	.4	.1								3.9	4.4
SSW	.4	1.8	1.4									3.7	6.0
SW	.6	1.5	.2									2.4	4.7
WSW	1.2	.9	.3									2.4	4.1
W	.5	1.1	.1	.1								1.8	4.6
WNW	.9	.3	.2	.1								1.5	4.3
NW	.6	.3	.1									1.1	3.7
NNW	.3	.8	.1									1.2	4.4
VARB													
CALM												60.4	
	13.3	16.7	8.5	1.8	.1							100.0	1.9

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.6	.9	.2								3.9	4.6
NNE	1.3	2.6	2.2	.3								6.3	5.8
NE	1.2	2.2	1.7	.1								4.5	5.3
ENE	.5	1.0	.5	.1								2.2	5.1
E	.6	.5	.2									1.8	3.9
ESE	.3	.1										.4	3.0
SE	.2		.1									.3	3.7
SSE	.4	.1	.3									.9	4.8
S	.4	.4	.3									1.2	4.8
SSW	.8	.4	1.3									2.5	5.8
SW	.9	1.9	.3	.1								3.2	4.7
WSW	1.0	2.7	.2									3.9	4.8
W	1.9	1.5										3.4	3.0
WNW	1.0	.8										1.7	3.3
NW	.2	.3	.1									.6	4.3
NNW	.6	.8	.2	.1								1.7	4.4
VARBL													
CALM												61.8	
	13.0	16.9	7.3	1.0								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030

POPE AFB NC

74-83

OCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

2100-2300

GROUP (L.C.T.)

CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	1.4	.8	.2								4.8	4.1
NNE	2.5	3.4	1.8	.2								8.0	4.9
NE	1.0	1.6	.9									3.4	4.8
NNE	1.0	.4	.2									1.6	3.7
E	.3	.4										.8	3.4
ESE	.1	.1										.2	4.0
SE	.3		.1									.4	4.3
SSE		.3	.2									.5	5.8
S	.5		.2									.8	4.1
SSW	.4	.3	.5									1.3	5.3
SW	1.7	1.5	.4									3.7	4.0
WSW	1.5	1.9	.1									3.5	3.8
W	2.3	1.2	.1	.1								3.7	3.3
WNW	.9	.4	.1									1.4	3.1
NW	.6	.4	.1									1.2	3.4
NNW	.8	.3	.3									1.4	4.1
VARIABLE													
CALM												63.3	
	16.3	13.9	5.9	.5								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030 POPE AFB NC 74-83 OCT
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS ALL
CONDITION CODED (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.5	1.9	.6	.1							7.4	5.6
NNE	1.7	3.1	2.5	.5								7.8	5.9
NE	1.6	2.7	1.8	.4								6.5	5.7
ENE	1.4	1.8	.8	.1								4.2	4.9
E	1.2	.9	.3	.0								2.4	3.9
ESE	.6	.3	.1									1.0	3.5
SE	.4	.4	.1									.9	4.0
SSE	.7	.9	.3	.0								1.9	4.6
S	.9	1.1	.5	.1								2.6	4.7
SSW	.8	1.1	1.1	.3	.0							3.3	6.2
SW	1.0	1.6	.9	.4	.0							3.9	6.1
WSW	1.2	1.7	1.1	.4	.1							4.4	6.0
W	1.4	1.6	.9	.3								4.2	5.2
WNW	1.1	1.0	.5	.2	.0							2.8	5.2
NW	.7	.8	.5	.2								2.2	5.3
NNW	.9	1.0	.7	.3	.0							2.9	5.7
VARBL													
CALM												41.6	
	17.8	22.5	14.1	3.8	.2							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030
STATION

POPE AFB NC

STATION NAME

74-83

YEAR

NOV
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.0	.7	.2								4.2	4.5
NNE	1.4	1.8	1.2									4.5	4.7
NE	2.6	.9	.4									3.9	3.2
ENE	1.3	.9	.6									2.8	4.1
E	.7		.2									.9	3.0
ESE		.1										.1	5.0
SE	.7	.3	.2									1.2	3.6
SSE	.2	.4	.2									.9	5.0
S	.6	.6	.6	.1								1.8	5.7
SSW	.6	1.1	1.0	.6								3.2	7.0
SW	.8	1.4	1.2									3.5	5.5
WSW	2.5	2.1	1.6									6.1	4.9
W	2.7	2.5	1.3									6.5	4.2
WNW	1.7	.9	.1	.1								2.8	3.7
NW	.6	.7	.3	.4								2.0	6.6
NNW	.8	.8	.4	.2								2.2	5.2
VARBL													
CALM												52.7	
	19.0	16.5	10.1	1.7								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS

897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030 POPE AFB NC 74-83 NOV
STATION STATION NAME YEAR MONTH
ALL WEATHER CLASS 0300-0500
COORDINATE HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.1	3.1	1.2								9.3	6.7
NNE	1.1	2.9	2.8	.3								7.1	6.4
NE	2.0	3.0	1.0	.3								6.4	4.9
NNE	2.7	3.3	2.2	.2								8.5	5.1
E	1.6	.6	.3	.1								2.6	3.9
ESE	.4	.4	.1									1.0	3.7
SE	.3	.7	.3									1.3	4.9
SSE	.6	.6	.4									1.6	4.6
S	.7	1.6	.9	.6								3.7	6.5
SSW	.8	1.0	1.6	.7								4.0	7.3
SW	1.4	1.6	1.9	1.3	.1	.1						6.5	7.6
WSW	1.3	2.1	1.9	1.3	.2							6.9	7.2
W	1.7	2.1	2.2	1.1	.1							7.2	6.9
WNW	1.2	.8	.9	.8	.1							3.8	6.8
NW	.7	.6	.8	.8	.2							3.0	8.6
NNW	.9	1.6	2.2	.9								5.6	7.1
VARBL													
CALM												21.6	
	19.2	25.9	22.7	9.7	.8	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030
STATION

POPE AFB NC

STATION NAME

74-83

YEARS

NOV
MONTH

ALL WEATHER

CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.2	3.1	1.0								8.8	6.8
NNE	.9	2.8	1.8	.7								6.1	6.5
NE	1.3	2.7	1.2	.2								5.5	5.4
ENE	1.4	3.1	1.2	.3								6.1	5.5
E	1.4	1.9	.8	.1								4.2	4.6
ESE	.8	.8										1.6	3.5
SE	.9	.7	.1									1.7	3.3
SSE	1.6	1.1	.6	.3								3.6	5.1
S	1.7	2.0	2.0	.9	.1							6.7	6.6
SSW	1.4	2.0	2.0	.9	.1							6.5	6.8
SW	1.1	2.1	2.2	1.9								7.4	8.0
WSW	.7	2.0	2.7	1.6	.9	.4						8.2	10.1
W	1.4	3.2	2.1	2.1	.1							9.0	7.2
WNW	.8	.4	2.5	1.1	.2							5.0	8.6
NW	1.0	.6	2.1	1.0								4.7	7.8
NNW	.9	2.2	2.6	1.0								6.7	7.1
VARB													
CALM												8.2	
	18.8	30.9	27.0	13.2	1.4	.4						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030 STATION POPE AFB NC 79-83 YEARS NOV
STATION NAME CLASS ALL WEATHER MONTHS 0900-1100
(L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.3	2.7	.4								8.7	5.7
NNE	1.2	1.4	1.1	.2								4.0	5.5
NE	2.5	1.4	1.1	.3								5.4	4.8
ENE	2.7	2.3	1.1	.1								6.2	4.4
E	2.1	1.1		.1								3.3	3.3
ESE	.4	.4	.1									1.0	3.8
SE	.6	.1										.7	2.7
SSE	.9	.8	.7	.1								2.5	5.0
S	1.4	2.0	1.3	.3	.1							5.2	6.0
SSW	1.4	2.8	2.5	.7								7.4	6.0
SW	1.4	2.9	2.1	.8	.1							7.4	6.7
WSW	.1	2.3	2.9	1.0	.2	.2						6.8	8.8
W	1.1	3.9	2.7	.6	.2							8.5	6.6
WNW	1.2	1.7	2.0	.7	.1							5.7	6.8
NW	.6	1.4	1.4	.7		.2						4.3	8.0
NNW	1.0	1.8	1.2	1.0								5.0	6.7
VARBL													
CALM												17.9	
	21.0	29.9	23.0	7.0	.8	.4						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.0	1.0	.2								3.7	5.1
NNE	1.7	1.1	.9									3.7	4.5
NE	1.2	.6	.4									2.2	4.1
ENE	1.5	.8	.6	.1								2.9	4.5
E	1.0	.1	.2									1.3	3.3
ESE		.1										.1	5.0
SE	.9	.4	.1	.1								1.6	4.3
SSE	.9	1.1	.2									2.2	4.2
S	1.5	1.9	.8	.3								4.5	5.0
SSW	.6	1.5	1.1									3.1	5.9
SW	1.2	1.0	.6	.1								2.9	4.5
WSW	1.3	1.5	.8	.3	.1							4.0	5.6
W	1.5	1.0	.9	.6								3.9	5.5
WNW	.9	1.8	.2	.2								3.1	4.8
NW	1.0	1.3	.2	.2								2.8	5.0
NNW	.9	.4	1.0	.3								2.7	6.2
VARBL													
CALM												55.2	
	17.4	15.6	9.1	2.6	.1							100.0	2.2

TOTAL NUMBER OF OBSERVATIONS

895

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030 POPE AFB NC

78-83

NOV

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.9	1.1	.4								3.9	6.3
NNE	1.3	1.2	.6									3.2	4.1
NE	1.9	1.0	.2									3.1	3.5
ENE	.9	.7	.6	.1								2.2	5.1
E	.6	.1	.1	.1								.9	4.4
ESE	.6	.1										.7	2.2
SE	.4	.7	.2									1.3	4.6
SSE	.8	.7	.2									1.7	4.2
S	.8	2.6	1.1	.2	.1							4.8	5.9
SSW	.8	2.2	1.7	.1								4.8	5.7
SW	.8	1.6	.8	.1								3.2	5.4
WSW	1.3	1.8	1.1	.3								4.6	5.6
W	1.7	1.7	.9		.1							4.4	4.6
WNW	.7	.9	.3	.2								2.1	5.2
NW	.8	.8	.7	.1								2.3	5.4
NNW	.7	1.0	.6	.6								2.8	6.3
VARBL													
CALM												53.8	
	14.5	18.9	18.2	2.3	.2							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030
STATION

POPE AFB NC
STATION NAME

79-83
YEAR

NOV
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.9	.7									3.6	4.7
NNE	1.7	1.7	.7									4.0	4.2
NE	2.0	1.3	.1									3.5	3.4
ENE	1.2	.4	.4									2.1	4.0
E	.9	.3	.1									1.3	3.7
ESE	.4	.2		.1								.8	3.9
SE	.2	.3										.6	4.2
SSE	.4	.2	.3	.1								1.1	5.1
S	.9	1.0	.7	.3								2.9	6.1
SSW	.8	.3	1.9	.3								3.4	7.4
SW	.9	1.7	.7	.3								3.6	6.0
WSW	2.3	1.7	.9	.3	.1							5.4	5.0
W	2.6	2.6	.3									5.5	3.8
WNW	1.6	.8	.4									2.8	3.6
NW	.4	.4	.3		.1							1.3	5.8
NNW	.8	.9	.6	.2								2.5	5.5
VARBL													
CALM												55.7	
	18.2	15.9	8.2	1.8	.2							100.0	2.1

TOTAL NUMBER OF OBSERVATIONS

894

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030
STATION

POPE AFB NC

STATION NAME

74-83

YEARS

NOV

MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.9	.6									4.1	4.2
NNE	1.8	1.6	.4									3.8	3.8
NE	2.1	1.6	.3	.1								4.1	3.8
ENE	2.0	1.5	.1									3.6	3.3
E	.4	.4		.1								1.0	3.9
ESE	.4											.9	2.3
SE	.1											.1	1.0
SSE	.6	.6	.1									1.2	4.0
S	.3	1.1	.2	.1								1.8	5.6
SSW	.6	1.5	.7	.2								2.9	5.8
SW	1.2	1.9	.7									3.8	4.6
WSW	2.3	1.2	1.3	.1								5.0	4.6
W	3.5	2.6	1.3	.2								7.6	4.3
WNW	1.1	.4	.1									1.7	3.1
NW	1.0	.8	.4									2.2	4.3
NNW	.9	.7	.2									1.8	4.1
VARBL													
CALM												54.7	
	20.1	17.7	6.6	.9								100.0	1.9

TOTAL NUMBER OF OBSERVATIONS

894

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030 POPE AFB NC 74-83 NOV
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
ALL
SOURCE (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.3	1.6	.4								5.9	5.8
NNE	1.4	1.8	1.2	.2								4.6	5.2
NE	2.0	1.6	.6	.1								4.3	4.3
ENE	1.7	1.6	.9	.1								4.3	4.7
E	1.1	.6	.2	.1								2.0	3.9
ESE	.4	.3	.0	.0								.7	3.4
SE	.5	.4	.1	.0								1.1	4.0
SSE	.7	.7	.3	.1								1.8	4.7
S	1.0	1.6	.9	.4	.0							3.9	6.0
SSW	.9	1.5	1.5	.4	.0							4.4	6.5
SW	1.1	1.8	1.3	.6	.0	.0						4.8	6.4
WSW	1.5	1.8	1.6	.6	.2	.1						5.9	6.8
W	2.0	2.4	1.5	.6	.1							6.6	5.6
WNW	1.1	1.0	.8	.4	.1							3.4	5.9
NW	.8	.8	.8	.4	.0	.0						2.8	6.8
NNW	.9	1.2	1.1	.5								3.7	6.4
VARBL													
CALM												40.0	
	18.5	21.4	14.6	4.9	.4	.1						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 7165

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030 POPE AFB NC 73-82 DEC
STATION NAME YEARS MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	1.2	.4	.4								8.8	4.6
NNE	1.9	1.3	.5		.1							3.9	4.3
NE	1.2	.6	.5	.1								2.5	4.8
ENE	1.2	.9										2.0	3.1
E	.2	.5										.8	4.1
ESE		.1										.1	4.0
SE	.2	.2										.4	2.8
SSE	.5	.2										.8	3.3
S	1.1	.6	.3	.1								2.2	4.1
SSW	.9	1.0	.9	.4								3.1	6.3
SW	.9	2.7	1.2	.8								5.5	6.3
WSW	1.6	2.7	1.5	.5								6.3	5.7
W	2.5	1.8	.5	.6								5.5	5.0
WNW	1.6	.8	.8		.1							3.2	4.6
NW	1.5	.8	.2	.1	.1							2.7	4.7
NNW	1.7	1.0	.9	.2								3.8	5.0
VARB.													
CALM												52.9	
	19.4	16.3	7.7	3.3	.3							100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030
STATION

POPE AFB NC
STATION NAME

73-82
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.1	3.1	1.0	.1							9.5	6.4
NNE	1.9	3.4	2.0	.3	.1							7.8	5.7
NE	1.7	1.8	1.1	.1								4.7	4.8
ENE	2.3	2.7	.6									5.6	4.3
E	1.8	1.3	.2									3.3	3.5
ESE	.3	.3	.1									.8	3.7
SE	.4	.4	.1	.2								1.2	5.7
SSE	.4	.6	.1			.1						1.3	5.7
S	.5	1.2	.6									2.4	5.0
SSW	1.2	1.6	1.6	.6								5.1	6.6
SW	1.0	2.4	2.9	1.3	.3							7.8	7.8
WSW	1.7	1.7	2.8	1.8	.1							8.2	7.7
W	1.0	3.7	1.9	.5	.1							7.2	6.2
WNW	1.4	1.1	1.6	.5	.1							4.7	6.5
NW	1.1	1.1	1.5	.6								4.3	6.8
NNW	1.0	1.5	1.4	.8	.2							4.8	7.5
VARBL													
CALM												21.3	
	19.9	28.0	21.8	7.8	1.1	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030 POPE AFB NC 73-82 DEC
STATION NAME YEARS MONTHS
ALL WEATHER
CLASS
CONDITION
0600-0800
MOON (L.V.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	4.0	3.2	1.0	.1							10.8	6.8
NNE	1.4	3.2	1.2	.3								6.1	5.6
NE	1.3	2.5	1.6	.3								5.7	5.6
ENE	2.6	2.8	.9									6.2	4.1
E	.9	1.0	.4									2.3	4.3
ESE	1.2	.6										1.8	2.9
SE	.3	.3	.2									.9	4.1
SSE	1.5	.6	.3	.2								2.7	4.6
S	1.6	2.3	1.5	.3								5.7	5.4
SSW	.8	1.7	3.3	.9	.1							6.8	7.6
SW	.5	1.3	3.1	3.3	.5							8.8	10.0
WSW	.8	2.6	2.8	2.7	.3	.2						9.4	9.3
W	.6	2.8	2.8	1.7	.2	.1						8.3	8.1
WNW	.6	1.2	1.3	.8								3.9	7.8
NW	.4	1.1	2.4	.8								4.6	7.8
NNW	1.4	2.3	2.4	1.3								7.3	6.9
VARBL													
CALM												8.8	
	18.4	30.2	27.4	13.5	1.3	.3						100.8	6.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030
STATION

POPE AFB NC
STATION NAME

73-82
YEAR

DEC
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	3.5	1.8	.8								8.4	5.8
NNE	1.5	3.7	1.1	.1								6.3	4.9
NE	2.2	2.0	.9	.3								5.4	4.9
ENE	2.0	1.8	.4									4.3	3.9
E	1.4	.5	.1									2.0	3.1
ESE	.9	.2										1.1	2.5
SE	.4	.2	.2									.9	4.3
SSE	1.4	.4	.1	.1								2.0	3.3
S	1.4	1.9	1.3	.3								4.9	5.4
SSW	1.9	4.0	2.3	1.0	.2							9.4	6.4
SW	.5	3.0	4.0	1.5								9.0	7.9
WSW	.5	1.7	2.4	2.0	.2	.1						7.0	9.3
W	1.9	1.9	2.6	.4	.1							7.0	6.2
WNW	1.1	1.8	1.7	1.1								5.7	7.0
NW	2.2	1.7	1.9	.9								6.7	5.9
NNW	1.4	.6	1.8	.3								4.2	6.1
VARB.													
CALM												15.7	
	23.0	29.2	22.6	8.8	.5	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030 POPE AFB NC 73-82 DEC
STATION STATION NAME YEAR MONTH
ALL WEATHER 1200-1400
CLAS HOUR (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.3	1.2	.5								5.3	5.2
NNE	1.7	1.5	.4	.2								3.9	4.3
NE	1.7	1.4	.3	.2								3.7	4.2
ENE	1.3	.3										1.6	2.4
E	.1	.8	.4									1.3	5.3
ESE		.2										.2	5.5
SE	.5	.5										1.1	2.9
SSE	.2	.4	.1									.8	4.4
S	1.4	1.9	1.3	.2								4.8	5.2
SSW	1.2	2.6	.5	.3								4.6	5.2
SW	1.3	2.2	1.0	.5								4.9	5.8
WSW	1.0	1.8	.8	.2								3.8	5.4
W	2.5	1.4	.9	.6								5.4	5.2
WNW	1.2	1.0	.6	.1	.1							3.0	5.4
NW	1.6	2.0	.6	.3	.1							4.7	5.3
NNW	.3	.4	.6	.2								1.6	7.2
VARS													
CALM												49.4	
	18.3	19.8	8.8	3.5	.2							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030
STATION

POPE AFB NC

STATION NAME

73-82

YEARS

DEC
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.7	1.2	.3	.1							4.6	5.7
NNE	1.2	1.5	.4	.1								3.2	4.7
NE	.9	1.7	.8	.2								3.5	5.2
ENE	1.1	.3	.2									1.6	3.3
E	.9	1.0	.1									1.9	3.6
ESE	.5	.1										.6	2.2
SE	.1	.4	.2									.8	5.4
SSE	.5	.5	.3									1.4	4.3
S	.8	1.6	1.2	.1								3.7	5.6
SSW	.2	1.6	1.4	.2								3.4	6.7
SW	1.2	1.5	1.7	.3								4.7	6.0
WSW	1.6	2.4	1.1	.1	.2	.1						5.5	5.9
W	3.7	2.4	1.1	.2								7.3	4.2
WNW	1.5	1.2	.5									3.2	4.2
NW	1.0	1.5	.6	.2								3.3	5.3
NNW	1.4	.4	1.1	.4								3.3	6.1
VARB													
CALM												47.7	
	17.7	19.9	11.9	2.3	.3	.1						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030
STATION

POPE AFB NC

STATION NAME

73-82

YEARS

DEC

MONTH

ALL WEATHER

CLASS

1800-2000
SOURCE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.4	.5	.1								5.4	4.2
NNE	1.8	1.6	.4	.5								4.4	5.0
NE	1.1	1.2	.3	.1								2.7	4.4
ENE	.9	1.3	.1									2.3	4.1
E	.3	.2										.5	3.4
ESE	.8	.2										1.0	2.4
SE		.2	.2									.4	6.3
SSE	.6	.4	.6	.1								1.8	5.9
S	.5	1.1	.8	.2								2.6	6.3
SSW	.8	1.0	1.5	.2								3.4	6.5
SW	1.1	1.8	1.0	.3								4.2	5.8
WSW	1.6	2.4	1.1	.3								5.4	5.6
W	2.4	3.0	1.4	.2								7.0	5.0
WNW	1.0	1.4	.5	.1								3.0	5.0
NW	1.1	1.7	.4	.2								3.4	5.1
NNW	.8	.5	.9	.3								2.5	6.4
VARBL													
CALM												50.0	
	17.0	20.4	9.8	2.8								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030
STATION

POPE AFB NC
STATION NAME

73-82
YEARS

DEC
MONTH

ALL WEATHER
CLIM

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.3	.5	.3								4.3	4.5
NNE	2.2	1.7	.2	.5								4.6	4.7
NE	1.7	1.0	.5									3.2	4.2
ENE	1.1	.4	.3									1.8	3.7
E	.2	.2										.4	3.0
ESE													
SE	.3		.2									.5	4.6
SSE	.3	.4		.1								.9	4.8
S	.8	1.2	.5	.1								2.6	5.3
SSW	.9	.8	.8	.5								2.9	6.4
SW	1.4	3.4	.5	.9								6.2	5.8
WSW	1.4	2.4	.5	.5								4.8	5.4
W	3.3	2.3	.8	.2								6.6	4.3
WNW	1.7	1.8	1.0	.1								4.6	4.7
NW	1.0	.9	.2	.1	.1							2.3	5.0
NNW	1.6	1.1	.6	.1								3.4	4.9
VARBL													
CALM												50.8	
	20.0	18.8	6.8	3.5	.1							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030 POPE AFB NC 73-82 DEC
STATION NAME YEARS MONTHS
ALL WEATHER
CLASS
CORRECTION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.3	1.5	.6	.0							6.6	5.6
NNE	1.7	2.2	.8	.3	.0							5.0	5.0
NE	1.5	1.5	.8	.2								3.9	4.8
ENE	1.5	1.3	.3									3.2	3.8
E	.7	.7	.2									1.6	3.8
ESE	.5	.2	.0									.7	2.9
SE	.3	.3	.1	.0								.8	4.5
SSE	.7	.5	.2	.1		.0						1.5	4.6
S	1.0	1.5	.9	.2								3.6	5.3
SSW	1.0	1.8	1.5	.5	.0							4.8	6.5
SW	1.0	2.3	1.9	1.1	.1							6.4	7.3
WSW	1.3	2.2	1.6	1.0	.1	.1						6.3	7.1
W	2.2	2.4	1.5	.6	.1	.0						6.8	5.6
WNW	1.3	1.3	1.0	.3	.0							3.9	5.8
NW	1.2	1.3	1.0	.4	.0							4.0	5.9
NNW	1.2	1.0	1.2	.5	.0							3.9	6.3
VARBL													
CALM												37.1	
	19.2	22.8	14.6	5.7	.5	.1						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 7990

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030

POPE AFB NC

73-83

STATION

STATION NAME

YEARS

ALL
MONTH

ALL WEATHER

CLASS

ALL

MOON (L.E.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.0	1.3	.3	.0							5.5	5.3
NNE	1.6	2.0	1.1	.2	.0							4.9	5.1
NE	1.6	1.9	1.0	.2	.0							4.7	5.0
ENE	1.7	1.8	.7	.1	.0							4.3	4.5
E	1.3	1.1	.3	.0	.0							2.8	4.0
ESE	.7	.5	.1	.0								1.4	3.8
SE	.6	.6	.2	.0	.0							1.4	4.4
SSE	.8	.9	.4	.1	.0	.0						2.2	4.9
S	1.4	2.2	1.1	.2	.0	.0						5.0	5.4
SSW	1.3	2.5	1.8	.5	.0	.0	.0	.0				6.1	6.1
SW	1.4	2.7	1.9	.8	.1	.0	.0	.0				6.8	6.6
WSW	1.6	2.7	1.7	.7	.1	.1	.0	.0				6.8	6.5
W	1.8	2.1	1.4	.5	.1	.0	.0					5.9	5.8
WNW	1.1	1.1	.8	.3	.0	.0						3.4	5.8
NW	.7	.9	.7	.3	.0	.0						2.6	6.0
NNW	.9	1.1	.8	.3	.0	.0						3.1	5.8
VARBL													
CALM												33.1	
	20.2	26.1	15.4	4.6	.5	.1	.0	.0				100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

87610

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723030 STATION POPE AFB NC 73-83 YEARS ALL MONTHS
INSTRUMENT CLASS ALL HOURS (L.S.T.)
CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE.
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	15 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	3.3	1.8	.4	.0							9.2	4.8
NNE	3.2	4.2	2.5	.7	.0							10.6	5.8
NE	2.8	4.0	2.1	.5								9.4	5.3
ENE	2.8	2.9	1.1	.1								7.0	4.4
E	1.9	1.6	.4	.1	.0							4.1	4.0
ESE	.6	.5	.1	.0								1.3	3.9
SE	.6	.6	.4	.0								1.6	5.0
SSE	.8	1.0	.7	.2		.0						2.7	5.6
S	1.3	1.9	1.0	.3	.0	.0						4.5	5.4
SSW	1.3	1.7	1.1	.4	.0	.0	.0					4.5	5.7
SW	1.3	2.3	1.2	.3	.1	.0						5.2	5.7
WSW	1.0	1.8	1.1	.4	.0							4.3	6.1
W	1.3	1.7	.9	.2	.0	.0	.0					4.1	5.8
WW	.8	.7	.4	.1								2.0	4.6
NW	.8	.7	.4	.1	.0							2.0	4.9
NNW	1.3	1.0	.6	.1								2.9	4.7
VARBL													
CALM												24.7	
	25.5	30.0	15.5	4.0	.2	.0	.0					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 10080

123456/890123456/890123456/890123456/890123456/890123456/890123456/890123456/890123456/890123456

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEAR	DATE
CLASS		MOON (L.S.V.)	
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
* W *	* UNIVAC 1100 TIME/SHARING EXEC --- MULTI-PROCESSOR SYSTEM --- LEV. 37R2D*08												
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the ≥ 10 mi visibility category should be used with great caution.

(Continued on Reverse Side)

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 5/16	≥ 1/8	≥ 0
NO CEILING																
N 1800																
N 1500					91.0											92.6
N 1200																
N 1000																
N 900																
N 800																
N 700																
N 600																
N 500										97.4						98.1
N 400																
N 300																
N 200																
N 100																
N 0					95.4		96.7			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.7%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS - LST

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0
NO CEILING	15.2	43.8	46.8	48.1	48.8	49.2	49.6	50.1	50.2	50.3	50.3	50.3	50.3	50.4	50.6
≥ 20000	15.4	47.4	50.4	51.8	52.7	53.2	53.5	54.1	54.2	54.3	54.3	54.3	54.3	54.4	54.7
IV 18000	15.4	47.4	50.4	51.8	52.7	53.2	53.5	54.1	54.2	54.3	54.3	54.3	54.3	54.4	54.7
IV 16000	15.4	47.5	50.5	51.9	52.8	53.3	53.7	54.2	54.3	54.4	54.4	54.4	54.4	54.5	54.8
IV 14000	15.4	47.7	51.1	52.6	53.3	53.9	54.2	54.7	54.8	54.9	54.9	54.9	54.9	55.1	55.4
IV 12000	15.5	48.7	52.0	53.7	54.8	55.3	55.6	56.1	56.2	56.3	56.3	56.3	56.3	56.5	56.8
IV 10000	16.3	52.5	55.8	57.5	58.4	59.1	59.5	60.1	60.2	60.3	60.3	60.3	60.3	60.4	60.8
IV 9000	16.3	52.6	55.9	57.6	58.5	59.2	59.6	60.2	60.3	60.4	60.4	60.4	60.4	60.5	60.9
IV 8000	16.3	54.6	58.2	60.0	60.9	61.7	62.0	62.7	62.8	62.9	62.9	62.9	62.9	63.0	63.3
IV 7000	16.3	54.9	58.5	60.3	61.4	62.3	62.6	63.2	63.3	63.4	63.4	63.4	63.4	63.5	63.9
IV 6000	16.3	55.9	59.0	61.1	61.9	62.8	63.1	63.8	63.9	64.0	64.0	64.0	64.0	64.1	64.4
IV 5000	16.3	57.3	61.2	63.3	64.3	65.2	65.5	66.1	66.2	66.3	66.3	66.3	66.3	66.5	66.8
IV 4500	16.3	58.5	62.3	64.8	65.8	66.7	67.0	67.6	67.7	67.8	67.8	67.8	67.8	68.0	68.3
IV 4000	16.3	59.7	63.1	65.7	66.7	67.5	67.8	68.5	68.6	68.7	68.7	68.7	68.7	68.8	69.1
IV 3500	16.5	59.6	63.7	66.5	67.5	68.3	68.6	69.5	69.6	69.7	69.7	69.7	69.7	69.8	70.1
IV 3000	16.5	60.8	64.7	67.7	68.9	69.9	70.3	71.0	71.1	71.2	71.2	71.2	71.2	71.3	71.6
IV 2500	16.5	61.1	65.3	68.3	69.6	70.9	71.0	71.6	71.7	71.8	71.8	71.8	71.8	71.9	72.3
IV 2000	16.6	62.0	66.2	69.5	70.9	72.4	72.6	73.2	73.3	73.4	73.5	73.5	73.5	73.7	74.0
IV 1800	16.6	62.2	66.3	69.6	71.2	72.3	72.9	73.7	73.8	73.9	74.0	74.0	74.0	74.1	74.4
IV 1500	16.6	63.3	68.0	71.3	72.9	74.0	74.7	75.5	75.6	75.8	75.9	75.9	75.9	76.0	76.3
IV 1200	16.6	63.9	68.8	72.4	74.0	75.1	75.9	76.7	76.8	77.0	77.1	77.1	77.1	77.2	77.5
IV 1000	16.6	65.3	70.2	73.8	75.6	76.7	77.5	78.4	78.6	78.9	79.0	79.0	79.0	79.1	79.5
IV 900	16.6	65.9	71.0	74.5	76.3	77.4	78.3	79.1	79.4	79.7	79.8	79.8	79.8	80.0	80.3
IV 800	16.6	66.7	71.9	75.3	77.3	78.8	79.8	80.6	81.0	81.3	81.4	81.4	81.4	81.6	81.9
IV 700	16.6	66.9	72.5	76.4	78.8	80.3	81.8	82.7	83.0	83.3	83.4	83.4	83.4	83.7	84.0
IV 600	16.6	66.9	72.7	77.1	79.7	81.3	82.8	83.8	84.1	84.5	84.6	84.6	84.6	84.9	85.2
IV 500	16.6	66.9	72.7	77.2	80.3	82.9	84.5	85.2	85.6	85.9	86.0	86.0	86.0	86.3	86.6
IV 400	16.6	67.0	72.9	78.3	82.4	85.3	87.0	88.4	89.1	89.4	89.4	89.4	89.4	89.6	89.9
IV 300	16.6	67.0	72.9	78.3	82.4	85.3	87.0	88.4	89.1	89.4	89.4	89.4	89.4	89.6	89.9
IV 200	16.6	67.0	72.9	78.3	82.4	85.3	87.0	88.4	89.1	89.4	89.4	89.4	89.4	89.6	89.9
IV 100	16.6	67.0	72.9	78.3	82.4	85.3	87.0	88.4	89.1	89.4	89.4	89.4	89.4	89.6	89.9
IV 0	16.6	67.0	72.9	78.3	82.4	85.3	87.0	88.4	89.1	89.4	89.4	89.4	89.4	89.6	89.9

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4/16	≥0
NO CEILING	15.8	43.4	45.5	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 20000	17.4	48.8	51.1	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8	53.0
≥ 18000	17.4	48.8	51.1	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8	53.0
≥ 16000	17.4	48.8	51.1	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8	53.0
≥ 14000	17.4	50.1	52.7	54.2	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.9
≥ 12000	17.4	53.4	54.4	56.0	56.3	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	57.0
≥ 10000	18.0	54.8	57.7	59.6	60.0	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.6
≥ 9000	18.0	55.3	58.2	60.0	60.4	60.5	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	61.1
≥ 8000	18.2	57.4	60.6	62.9	63.0	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.8
≥ 7000	18.2	58.0	61.3	63.2	63.9	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.6
≥ 6000	18.2	58.5	62.2	64.2	64.8	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.6
≥ 5000	18.3	60.3	64.1	66.5	67.3	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8	68.1
≥ 4500	18.3	60.9	65.1	67.9	68.5	68.7	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.4
≥ 4000	18.4	62.5	67.0	69.7	70.4	70.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.5
≥ 3500	18.5	63.1	67.7	70.4	71.4	71.6	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.3
≥ 3000	18.5	63.3	67.7	70.4	71.4	71.6	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.3
≥ 2500	18.5	64.8	69.7	72.7	74.0	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.9
≥ 2000	18.5	65.3	70.3	73.9	75.3	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.9
≥ 1800	18.6	65.7	70.6	73.9	75.3	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.3
≥ 1500	18.6	66.3	72.0	75.3	76.9	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	78.2
≥ 1200	18.6	67.2	72.4	76.3	77.8	78.2	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.9
≥ 1000	18.6	68.3	73.9	77.3	79.2	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.2
≥ 900	18.6	68.6	74.4	78.6	80.5	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.8
≥ 800	18.6	68.9	75.2	79.4	81.7	82.2	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	83.0
≥ 700	18.6	69.2	75.6	80.8	83.4	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7	85.2
≥ 600	18.6	69.4	76.1	81.3	83.5	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7	85.2
≥ 500	18.6	69.8	76.3	81.8	84.7	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.7
≥ 400	18.6	69.9	76.3	81.8	84.7	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.7
≥ 300	18.6	69.9	76.3	81.8	84.7	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.7
≥ 200	18.6	69.9	76.3	81.8	84.7	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.7
≥ 100	18.6	69.9	76.3	81.8	84.7	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.7
≥ 0	18.6	69.9	76.3	81.8	84.7	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.7

TOTAL NUMBER OF OBSERVATIONS 938

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEAR

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0
NO CEILING	18.4	46.9	48.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 20000	20.1	53.7	55.2	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 18000	20.1	53.8	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 16000	20.1	53.8	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 14000	20.4	55.2	56.7	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 12000	21.1	57.4	58.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 10000	21.3	61.2	63.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 9000	21.4	62.2	64.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 8000	21.7	64.6	66.6	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 7000	21.9	65.4	67.5	68.5	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 6000	21.9	66.3	68.6	69.6	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 5000	21.9	67.4	70.0	71.3	71.3	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 4500	21.9	68.4	71.0	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 4000	21.9	69.4	72.4	73.9	73.9	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 3500	22.3	70.5	73.4	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 3000	22.3	72.0	75.2	76.8	77.0	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 2500	22.4	72.9	76.3	78.0	78.2	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 2000	22.5	73.5	77.3	79.1	79.7	79.8	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 1800	22.5	73.8	77.7	79.6	80.2	80.3	80.6	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9
IV 1500	22.5	75.2	79.1	81.1	81.7	81.8	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4
IV 1200	22.5	75.4	79.7	81.8	82.4	82.7	83.0	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3
IV 1000	22.5	76.0	80.4	83.0	84.1	84.2	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9
IV 900	22.5	76.6	81.0	83.8	84.8	84.9	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7
IV 800	22.5	77.1	81.9	85.1	86.2	86.3	87.2	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5
IV 700	22.5	77.4	82.9	86.3	87.4	87.8	88.6	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0
IV 600	22.5	77.7	83.4	87.3	88.5	88.9	89.7	90.1	90.1	90.4	90.4	90.4	90.4	90.4	90.4
IV 500	22.5	77.8	83.7	87.7	88.9	89.3	90.3	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9
IV 400	22.5	77.8	83.7	87.7	88.9	89.3	90.3	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9
IV 300	22.5	77.8	83.7	87.7	88.9	89.3	90.3	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9
IV 200	22.5	77.8	83.7	87.7	88.9	89.3	90.3	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9
IV 100	22.5	77.8	83.7	87.7	88.9	89.3	90.3	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9
IV 0	22.5	77.8	83.7	87.7	88.9	89.3	90.3	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	17.2	46.2	47.6	47.7	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 20000	19.2	53.1	54.7	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 18000	19.5	54.0	55.6	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 16000	19.5	54.0	55.6	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 14000	20.0	54.7	56.3	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 12000	20.5	57.3	59.0	59.5	59.5	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 10000	20.5	61.5	63.2	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 9000	20.5	62.2	63.9	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 8000	20.8	64.2	66.5	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 7000	20.9	65.1	67.3	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
IV 6000	20.9	65.7	68.2	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 5000	21.5	68.3	70.8	72.0	72.0	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 4500	21.7	68.6	71.3	72.7	72.7	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 4000	21.8	69.8	72.6	74.1	74.1	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 3500	22.2	71.7	74.8	76.5	76.5	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 3000	22.5	74.2	77.7	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 2500	22.6	74.8	78.5	80.4	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 2000	22.6	75.9	79.6	81.4	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 1800	22.6	76.6	80.4	82.6	82.6	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 1500	22.6	77.0	81.2	83.6	83.6	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 1200	22.6	77.7	82.3	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 1000	22.6	78.3	83.2	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 900	22.6	78.5	83.5	86.7	86.7	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 800	22.6	78.6	84.0	87.5	87.5	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 700	22.6	78.8	84.3	88.8	88.8	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 600	22.6	79.4	85.4	89.9	89.9	89.9	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 500	22.6	79.7	85.5	90.1	90.1	90.1	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 400	22.6	79.8	85.6	90.3	90.3	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 300	22.6	79.8	85.6	90.3	90.3	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 200	22.6	79.8	85.6	90.3	90.3	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 100	22.6	79.8	85.6	90.3	90.3	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 0	22.6	79.8	85.6	90.3	90.3	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1800
HOURS -151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	16.2	52.7	53.3	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 20000	16.9	56.6	57.2	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 18000	17.0	57.1	57.7	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5
IV 16000	17.0	57.1	57.7	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5
IV 14000	17.2	57.8	58.6	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5
IV 12000	17.4	59.4	60.3	61.1	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5
IV 10000	18.0	62.9	64.0	64.7	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2
IV 9000	18.0	63.4	64.3	65.3	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7
IV 8000	18.2	65.4	66.5	67.2	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6
IV 7000	18.2	66.1	67.4	68.2	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6
IV 6000	18.4	66.9	68.2	69.0	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5
IV 5000	18.8	69.6	71.0	72.0	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5
IV 4500	19.0	70.3	71.8	72.9	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4
IV 4000	19.2	72.0	73.5	74.7	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3
IV 3500	19.4	74.2	75.8	77.0	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5
IV 3000	19.5	75.9	77.6	78.8	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.4	79.4	79.4
IV 2500	19.6	76.8	78.5	80.0	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.8	80.8	80.8
IV 2000	19.7	77.5	79.4	81.3	81.7	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.2
IV 1800	19.7	78.1	80.2	82.4	82.8	82.8	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3
IV 1500	19.7	78.3	80.3	83.4	83.8	83.8	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3
IV 1200	19.7	79.2	81.8	84.6	85.1	85.1	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8
IV 1000	19.7	79.4	82.3	85.3	85.8	85.8	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5
IV 900	19.7	79.5	82.6	85.7	86.3	86.3	86.6	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0
IV 800	19.7	79.5	83.0	86.5	87.1	87.1	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8
IV 700	19.7	79.5	83.5	87.3	87.9	87.9	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6
IV 600	19.7	80.2	84.8	87.4	88.3	88.3	88.6	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0
IV 500	19.7	80.4	84.9	88.3	89.2	89.2	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9
IV 400	19.7	80.4	84.9	88.3	89.2	89.2	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9
IV 300	19.7	80.4	84.9	88.3	89.2	89.2	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9
IV 200	19.7	80.4	84.9	88.3	89.2	89.2	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9
IV 100	19.7	80.4	84.9	88.3	89.2	89.2	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9
IV 0	19.7	80.4	84.9	88.3	89.2	89.2	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

STATION NAME

74-83

YEARS

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	14.9	52.8	54.4	55.4	55.8	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2
≥ 20000	15.1	58.1	58.1	59.1	59.6	59.7	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.1
≥ 18000	15.1	56.2	58.2	59.2	59.7	59.8	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.2
≥ 16000	15.1	54.2	58.2	59.2	59.7	59.8	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.2
≥ 14000	15.4	56.3	58.6	59.7	60.3	60.2	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.6
≥ 12000	15.4	57.5	59.8	61.0	61.4	61.5	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.0
≥ 10000	15.4	59.5	61.7	63.0	63.4	63.5	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.1
≥ 9000	15.5	59.7	61.9	63.2	63.7	63.8	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.3
≥ 8000	15.6	61.1	63.4	64.7	65.2	65.3	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.8
≥ 7000	15.6	61.4	63.7	65.0	65.5	65.6	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.1
≥ 6000	15.6	62.4	64.8	66.1	66.6	66.7	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.2
≥ 5000	15.9	64.6	67.3	68.6	69.2	69.3	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.9
≥ 4500	16.1	65.9	68.6	70.2	70.5	70.6	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.2
≥ 4000	16.1	67.4	70.2	71.7	72.2	72.3	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.8
≥ 3500	16.8	70.8	72.9	74.5	74.9	75.1	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.6
≥ 3000	17.0	71.7	74.7	76.4	77.1	77.2	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.7
≥ 2500	17.4	73.3	76.5	78.4	79.0	79.2	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.7
≥ 2000	17.7	74.1	77.3	79.3	80.2	80.3	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.8
≥ 1800	17.7	74.7	78.3	80.3	81.1	81.2	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.7
≥ 1500	17.7	75.7	79.5	81.5	82.7	82.8	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.3
≥ 1200	17.7	76.2	80.1	82.0	83.0	83.2	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.9
≥ 1000	18.0	76.5	81.4	83.4	84.4	84.6	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.1
≥ 900	18.0	77.3	82.2	84.2	85.2	85.4	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.9
≥ 800	18.0	77.4	82.3	84.3	85.3	85.5	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	86.0
≥ 700	18.0	77.4	83.3	85.3	86.3	86.5	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	87.0
≥ 600	18.0	77.4	83.4	85.4	86.4	86.6	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.1
≥ 500	18.0	77.5	83.5	85.5	86.5	86.7	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2
≥ 400	18.0	77.5	83.5	85.5	86.5	86.7	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2
≥ 300	18.0	77.5	83.5	85.5	86.5	86.7	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2
≥ 200	18.0	77.5	83.5	85.5	86.5	86.7	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2
≥ 100	18.0	77.5	83.5	85.5	86.5	86.7	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2
≥ 0	18.0	77.5	83.5	85.5	86.5	86.7	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥3/16	≥0
NO CEILING	16.0	52.3	52.7	53.3	54.3	54.7	54.8	55.3	55.4	55.5	55.6	55.6	55.9	56.0	56.0	56.1
≥ 20000	16.1	54.0	54.6	55.4	56.5	56.9	57.0	57.4	57.5	57.6	57.7	57.7	58.1	58.2	58.2	58.3
≥ 18000	16.1	54.0	54.6	55.4	56.5	56.9	57.0	57.4	57.5	57.6	57.7	57.7	58.1	58.2	58.2	58.3
≥ 16000	16.1	54.0	54.6	55.4	56.5	56.9	57.0	57.4	57.5	57.6	57.7	57.7	58.1	58.2	58.2	58.3
≥ 14000	16.3	54.6	55.3	56.0	57.1	57.5	57.6	58.1	58.2	58.3	58.4	58.4	58.7	58.8	58.8	58.9
≥ 12000	16.7	56.0	56.9	57.8	58.9	59.4	59.5	60.0	60.2	60.3	60.4	60.4	60.8	60.9	60.9	61.0
≥ 10000	16.8	58.1	59.1	60.1	61.3	61.7	61.8	62.4	62.6	62.7	62.8	62.8	63.1	63.2	63.2	63.3
≥ 9000	17.2	58.6	59.7	60.6	61.8	62.3	62.4	62.9	63.1	63.2	63.3	63.3	63.7	63.8	63.8	63.9
≥ 8000	17.2	59.8	60.9	61.8	63.0	63.4	63.5	64.1	64.3	64.4	64.5	64.5	64.8	64.9	64.9	65.1
≥ 7000	17.2	61.2	62.3	63.2	64.4	64.8	64.9	65.5	65.7	65.8	65.9	65.9	66.2	66.3	66.3	66.5
≥ 6000	17.3	62.2	63.2	64.2	65.4	65.8	65.9	66.5	66.7	66.8	66.9	66.9	67.2	67.3	67.3	67.4
≥ 5000	17.5	63.7	64.7	65.7	67.1	67.5	67.6	68.3	68.5	68.6	68.7	68.7	69.0	69.1	69.1	69.2
≥ 4500	17.6	64.7	65.9	67.0	68.4	68.8	68.9	69.6	69.8	69.9	70.0	70.0	70.3	70.4	70.4	70.5
≥ 4000	17.6	66.0	67.7	68.9	70.4	70.9	71.0	71.6	71.8	71.9	72.0	72.0	72.4	72.5	72.5	72.6
≥ 3500	18.0	67.2	68.9	70.1	71.6	72.0	72.2	72.8	73.0	73.1	73.2	73.2	73.5	73.7	73.7	73.8
≥ 3000	18.3	69.4	71.2	72.6	74.2	74.6	74.8	75.5	75.7	75.8	75.9	75.9	76.2	76.3	76.3	76.5
≥ 2500	18.5	70.9	72.7	74.4	76.0	76.5	76.8	77.5	77.7	78.0	78.1	78.1	78.4	78.5	78.5	78.6
≥ 2000	18.6	72.4	74.3	76.0	77.8	78.3	78.6	79.4	79.6	79.8	79.9	79.9	80.2	80.3	80.3	80.4
≥ 1800	18.6	72.8	74.8	76.6	78.4	78.8	79.1	79.9	80.1	80.3	80.4	80.4	80.8	80.9	80.9	81.0
≥ 1500	18.6	73.7	76.0	77.7	79.6	80.0	80.4	81.3	81.5	81.7	81.8	81.8	82.2	82.3	82.3	82.4
≥ 1200	18.6	74.4	76.9	78.9	80.9	81.3	81.8	82.8	83.0	83.2	83.3	83.3	83.7	83.8	83.8	83.9
≥ 1000	18.7	75.5	78.5	80.8	82.9	83.3	83.9	84.9	85.2	85.4	85.5	85.5	85.8	85.9	85.9	86.0
≥ 900	18.7	76.1	79.2	81.6	84.0	84.4	84.9	86.0	86.2	86.5	86.6	86.6	86.9	87.0	87.0	87.1
≥ 800	18.7	76.8	80.0	82.5	84.8	85.5	86.3	87.4	87.6	87.8	88.0	88.0	88.3	88.4	88.4	88.5
≥ 700	18.7	77.2	81.0	83.7	86.1	86.8	87.6	88.7	89.0	89.2	89.4	89.4	89.7	89.8	89.8	89.9
≥ 600	18.7	77.4	81.4	84.4	87.5	88.3	89.4	90.4	90.9	91.2	91.3	91.3	91.6	91.7	91.7	91.8
≥ 500	18.7	77.4	81.5	84.6	88.5	89.6	90.9	92.3	92.8	93.2	93.3	93.3	93.7	93.8	93.8	93.9
≥ 400	18.7	77.5	81.6	84.7	88.9	90.5	92.3	94.3	95.2	95.8	95.9	95.9	96.2	96.3	96.3	96.5
≥ 300	18.7	77.5	81.6	84.8	89.8	91.1	92.9	95.5	96.5	97.4	97.6	97.7	98.1	98.2	98.2	98.3
≥ 200	18.7	77.5	81.6	84.8	89.8	91.1	93.0	95.8	96.8	97.8	98.2	98.4	98.7	98.8	98.8	99.2
≥ 100	18.7	77.5	81.6	84.8	89.8	91.1	93.0	95.8	96.8	98.0	98.3	98.5	98.8	98.9	98.9	99.8
≥ 0	18.7	77.5	81.6	84.8	89.8	91.1	93.0	95.8	96.8	98.0	98.3	98.5	98.8	98.9	98.9	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥0
NO CEILING	15.9	49.5	50.5	51.5	52.3	52.7	52.8	53.2	53.2	53.3	53.7	53.8	54.0	54.1	54.4	54.6
≥ 20000	16.3	52.5	53.7	54.6	55.4	55.8	55.9	56.3	56.3	56.5	56.8	56.9	57.1	57.2	57.5	57.7
≥ 18000	16.3	52.8	54.0	54.9	55.7	56.1	56.2	56.7	56.7	56.8	57.1	57.2	57.4	57.5	57.8	58.1
≥ 16000	16.3	52.9	54.1	55.1	55.8	56.2	56.3	56.8	56.8	56.9	57.2	57.3	57.5	57.6	58.0	58.2
≥ 14000	16.5	53.1	54.4	55.4	56.1	56.6	56.7	57.1	57.1	57.2	57.5	57.6	57.8	58.0	58.3	58.5
≥ 12000	16.5	53.8	55.2	56.1	56.9	57.4	57.5	58.0	58.0	58.1	58.4	58.5	58.7	58.8	59.1	59.4
≥ 10000	17.3	57.0	58.6	59.7	60.5	61.1	61.2	61.6	61.6	61.7	62.0	62.2	62.4	62.5	62.8	63.0
≥ 9000	17.3	57.0	58.6	59.7	60.5	61.1	61.2	61.6	61.6	61.7	62.0	62.2	62.4	62.5	62.8	63.0
≥ 8000	17.3	58.6	60.2	61.4	62.3	62.8	62.9	63.3	63.3	63.4	63.8	63.9	64.1	64.2	64.5	64.7
≥ 7000	17.5	59.1	60.8	61.9	62.8	63.3	63.4	63.9	63.9	64.0	64.3	64.4	64.6	64.7	65.1	65.3
≥ 6000	17.5	59.9	61.5	62.7	63.5	64.1	64.2	64.7	64.7	64.8	65.2	65.3	65.5	65.6	65.9	66.1
≥ 5000	17.6	61.0	62.6	63.8	64.8	65.4	65.6	66.1	66.1	66.2	66.6	66.7	66.9	67.0	67.3	67.5
≥ 4500	17.8	61.8	63.5	64.8	66.0	66.6	66.8	67.3	67.3	67.4	67.7	67.8	68.1	68.2	68.5	68.7
≥ 4000	17.8	62.2	64.0	65.8	67.0	67.8	68.3	68.6	68.6	68.7	69.0	69.1	69.4	69.5	69.8	70.0
≥ 3500	18.0	63.4	65.4	67.3	68.5	69.4	69.6	70.1	70.1	70.2	70.5	70.6	70.9	71.0	71.3	71.5
≥ 3000	18.0	65.1	67.2	69.1	70.4	71.4	71.6	72.2	72.2	72.3	72.6	72.7	72.9	73.0	73.3	73.5
≥ 2500	18.0	66.0	68.3	70.2	72.0	73.0	73.2	73.8	73.8	73.9	74.2	74.3	74.5	74.6	74.9	75.2
≥ 2000	18.1	66.9	69.4	71.3	73.3	74.5	74.7	75.3	75.3	75.4	75.7	75.8	76.0	76.1	76.5	76.7
≥ 1800	18.1	67.6	70.2	72.2	74.2	75.4	75.6	76.1	76.1	76.2	76.6	76.7	76.9	77.0	77.3	77.5
≥ 1500	18.1	68.6	71.5	73.5	75.7	76.9	77.1	77.6	77.6	77.7	78.1	78.2	78.4	78.5	78.8	79.0
≥ 1200	18.1	69.5	72.4	74.5	76.7	78.0	78.2	78.7	78.8	78.9	79.2	79.4	79.6	79.7	80.0	80.2
≥ 1000	18.1	71.1	74.3	76.6	78.8	80.2	80.4	81.1	81.2	81.3	81.6	81.7	81.9	82.0	82.4	82.6
≥ 900	18.1	71.4	74.6	77.0	79.6	81.1	81.4	82.0	82.2	82.3	82.6	82.7	82.9	83.0	83.3	83.5
≥ 800	18.1	71.7	75.2	77.8	81.0	82.6	82.9	83.7	83.8	83.9	84.2	84.3	84.5	84.6	84.9	85.2
≥ 700	18.1	71.9	75.7	78.6	81.8	83.5	84.2	84.9	85.1	85.2	85.5	85.6	85.8	85.9	86.2	86.5
≥ 600	18.1	72.2	76.0	79.2	83.3	84.9	85.8	86.6	86.7	86.8	87.1	87.2	87.4	87.5	87.8	88.1
≥ 500	18.1	72.4	76.2	79.6	84.4	86.8	88.1	89.5	89.6	89.7	90.0	90.1	90.3	90.4	90.8	91.0
≥ 400	18.1	72.5	76.3	79.7	85.1	87.8	89.8	91.4	91.8	92.2	92.5	92.6	92.8	92.9	93.2	93.4
≥ 300	18.1	72.5	76.3	79.7	85.1	87.8	89.8	92.2	92.8	94.0	94.5	94.6	94.9	95.1	95.4	95.6
≥ 200	18.1	72.5	76.3	79.7	85.1	87.8	89.8	92.3	93.2	95.1	95.8	96.0	96.5	96.6	97.1	97.5
≥ 100	18.1	72.5	76.3	79.7	85.1	87.8	89.8	92.3	93.2	95.1	96.0	96.5	97.2	97.4	98.1	98.9
≥ 0	18.1	72.5	76.3	79.7	85.1	87.8	89.8	92.3	93.2	95.1	96.0	96.5	97.2	97.4	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS - LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3-16	≥¼	≥0
NO CEILING	16.2	48.4	49.9	50.7	51.1	51.3	51.3	51.5	51.6	51.7	51.7	51.7	51.7	51.8	51.8	51.9
≥ 20000	17.1	52.7	54.4	55.3	55.7	55.9	56.0	56.2	56.2	56.3	56.3	56.3	56.3	56.4	56.5	56.6
≥ 18000	17.1	53.0	54.7	55.6	56.0	56.2	56.3	56.5	56.5	56.5	56.6	56.6	56.6	56.7	56.7	56.9
IV 16000	17.1	53.1	54.7	55.6	56.0	56.2	56.3	56.5	56.5	56.6	56.6	56.6	56.7	56.7	56.8	56.9
IV 14000	17.4	53.7	55.5	56.4	56.9	57.1	57.2	57.3	57.4	57.4	57.5	57.5	57.6	57.6	57.7	57.8
IV 12000	17.5	55.2	57.1	58.2	58.6	58.9	59.0	59.2	59.3	59.3	59.4	59.4	59.5	59.5	59.6	59.7
IV 10000	17.9	58.4	60.4	61.6	62.1	62.3	62.5	62.7	62.7	62.8	62.8	62.9	62.9	63.0	63.0	63.2
IV 9000	18.0	58.9	60.9	62.0	62.5	62.8	62.9	63.1	63.2	63.2	63.3	63.3	63.4	63.4	63.5	63.6
IV 8000	18.2	60.7	62.9	64.1	64.6	64.9	65.0	65.2	65.3	65.3	65.4	65.4	65.5	65.5	65.6	65.7
IV 7000	18.2	61.4	63.6	64.9	65.4	65.7	65.8	66.1	66.1	66.1	66.2	66.2	66.3	66.4	66.4	66.5
IV 6000	18.3	62.2	64.5	65.7	66.3	66.5	66.7	66.9	67.0	67.0	67.1	67.1	67.2	67.2	67.3	67.4
IV 5000	18.5	64.0	66.5	68.0	68.6	68.9	69.0	69.3	69.3	69.4	69.4	69.4	69.5	69.6	69.6	69.7
IV 4500	18.6	64.9	67.5	69.0	69.7	70.0	70.2	70.4	70.5	70.5	70.6	70.6	70.7	70.7	70.8	70.9
IV 4000	18.7	66.1	68.8	70.6	71.2	71.6	71.7	72.0	72.0	72.1	72.2	72.2	72.3	72.3	72.3	72.5
IV 3500	18.9	67.5	70.3	72.2	72.8	73.2	73.4	73.6	73.7	73.7	73.8	73.8	73.9	73.9	74.0	74.1
IV 3000	19.0	69.1	72.2	74.1	74.9	75.3	75.5	75.8	75.8	75.9	75.9	76.0	76.0	76.1	76.1	76.2
IV 2500	19.2	70.1	73.2	75.3	76.2	76.6	76.8	77.1	77.1	77.2	77.3	77.3	77.4	77.4	77.4	77.6
IV 2000	19.3	71.0	74.2	76.5	77.6	78.0	78.3	78.6	78.6	78.7	78.8	78.8	78.8	78.9	78.9	79.1
IV 1800	19.3	71.4	74.8	77.1	78.3	78.8	79.0	79.3	79.4	79.4	79.5	79.6	79.6	79.7	79.7	79.8
IV 1500	19.3	72.3	76.0	78.5	79.7	80.2	80.6	80.9	80.9	81.0	81.1	81.1	81.2	81.2	81.3	81.4
IV 1200	19.3	72.9	76.8	79.5	80.8	81.3	81.7	82.1	82.1	82.2	82.3	82.3	82.4	82.4	82.5	82.6
IV 1000	19.3	73.8	78.1	81.0	82.5	83.1	83.5	83.9	84.0	84.0	84.1	84.2	84.2	84.3	84.3	84.5
IV 900	19.3	74.2	78.6	81.6	83.2	83.9	84.4	84.8	84.8	84.9	85.0	85.0	85.1	85.2	85.2	85.4
IV 800	19.3	74.6	79.2	82.5	84.4	85.1	85.7	86.2	86.3	86.4	86.4	86.5	86.6	86.6	86.7	86.8
IV 700	19.3	74.9	79.9	83.6	85.6	86.6	87.4	87.9	88.0	88.1	88.2	88.2	88.3	88.3	88.4	88.5
IV 600	19.3	75.1	80.4	84.3	86.9	88.2	89.2	89.8	90.0	90.1	90.2	90.2	90.3	90.4	90.4	90.6
IV 500	19.3	75.2	80.5	84.7	88.1	89.8	91.4	92.3	92.5	92.8	92.9	92.9	93.0	93.1	93.2	93.3
IV 400	19.3	75.3	80.6	84.8	88.5	90.6	92.8	94.2	94.6	95.0	95.2	95.2	95.3	95.4	95.5	95.6
IV 300	19.3	75.3	80.6	84.9	88.7	91.0	93.5	95.4	96.0	96.7	97.1	97.2	97.4	97.5	97.6	97.8
IV 200	19.3	75.3	80.6	84.9	88.7	91.0	93.6	95.6	96.3	97.2	97.8	98.1	98.4	98.6	98.8	99.0
IV 100	19.3	75.3	80.6	84.9	88.7	91.0	93.6	95.6	96.3	97.2	97.9	98.3	98.8	99.0	99.2	99.8
IV 0	19.3	75.3	80.6	84.9	88.7	91.0	93.6	95.6	96.3	97.2	97.9	98.3	98.8	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7880

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	10.3	44.9	47.4	49.9	50.9	51.2	51.8	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 20000	10.8	48.9	51.9	54.6	55.8	56.0	57.0	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 18000	10.8	49.1	52.0	54.7	55.9	56.1	57.1	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 16000	10.8	49.2	52.1	54.8	56.0	56.3	57.2	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 14000	10.8	50.8	54.0	56.7	57.9	58.2	59.1	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 12000	11.3	52.0	55.2	58.2	59.5	59.7	60.6	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 10000	11.5	55.0	58.6	61.8	63.1	63.4	64.7	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 9000	11.5	55.2	58.9	62.1	63.4	63.6	64.9	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 8000	11.9	57.3	61.0	64.3	65.7	66.1	67.5	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 7000	12.1	58.5	62.3	66.0	67.4	67.8	69.3	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 6000	12.2	59.6	63.4	67.1	68.6	69.0	70.4	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 5000	12.3	61.0	65.1	69.3	70.7	71.0	72.8	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4500	12.5	62.3	66.5	70.7	72.2	72.9	74.3	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4000	12.5	63.5	68.2	72.5	74.1	74.8	76.2	76.5	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1
≥ 3500	12.5	63.9	68.8	73.2	74.8	75.7	77.1	77.3	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9
≥ 3000	12.6	65.0	70.1	74.7	76.5	77.3	78.8	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7
≥ 2500	12.8	65.4	70.4	75.1	77.0	77.9	79.6	79.8	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4
≥ 2000	12.8	66.3	71.5	76.1	78.3	79.2	81.0	81.2	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8
≥ 1800	12.8	66.8	72.0	76.6	78.7	79.7	81.4	81.7	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3
≥ 1500	12.9	67.4	72.7	77.3	79.6	80.5	82.3	82.6	83.1	83.1	83.1	83.1	83.2	83.3	83.3	83.3
≥ 1200	12.9	67.6	73.2	77.8	80.0	81.0	82.7	83.1	83.6	83.6	83.6	83.6	83.7	83.8	83.8	83.8
≥ 1000	12.9	67.8	73.5	78.6	81.1	82.2	84.0	84.4	85.0	85.1	85.1	85.1	85.2	85.5	85.5	85.5
≥ 900	12.9	68.1	73.9	79.2	81.9	83.0	85.0	85.3	85.9	86.1	86.1	86.1	86.2	86.4	86.4	86.4
≥ 800	12.9	68.3	74.2	79.9	83.1	84.5	86.5	86.9	87.5	87.6	87.7	87.7	87.8	88.1	88.1	88.1
≥ 700	12.9	68.6	74.5	80.6	84.0	85.6	87.6	87.9	88.5	88.8	88.9	88.9	89.1	89.4	89.4	89.4
≥ 600	12.9	68.6	74.5	81.0	84.8	87.1	89.2	89.7	90.4	90.8	90.9	90.9	91.1	91.4	91.4	91.4
≥ 500	12.9	68.9	75.1	81.8	86.2	88.9	91.7	92.6	93.3	93.6	93.9	93.9	94.1	94.3	94.3	94.3
≥ 400	12.9	68.9	75.1	81.8	86.5	89.4	92.3	93.3	94.0	94.3	94.7	94.7	94.9	95.3	95.3	95.3
≥ 300	12.9	69.0	75.3	82.0	86.9	89.7	93.1	94.2	95.0	95.7	96.1	96.3	96.6	97.0	97.0	97.2
≥ 200	12.9	69.1	75.4	82.2	87.4	90.2	93.6	95.0	96.2	97.0	97.5	98.0	98.2	98.7	98.7	98.9
≥ 100	12.9	69.1	75.4	82.2	87.4	90.2	93.6	95.0	96.2	97.0	97.5	98.0	98.2	98.8	99.1	99.9
≥ 0	12.9	69.1	75.4	82.2	87.4	90.2	93.6	95.0	96.2	97.0	97.5	98.0	98.2	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 886

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030
STATION

POPE AFB NC

STATION NAME

74-83

YEARS

FEB

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS - 1 ST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	13.6	45.9	48.9	50.0	51.2	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 18000	14.7	51.4	55.2	56.3	57.6	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 16000	14.7	52.0	55.8	56.9	58.2	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 14000	14.8	53.2	57.0	58.0	59.5	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 12000	15.2	55.3	59.2	60.5	62.1	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 10000	15.7	57.7	62.1	63.6	65.1	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 9000	15.7	58.3	62.6	64.2	65.7	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 8000	15.7	60.4	64.8	66.8	68.4	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 7000	15.7	61.7	66.3	68.3	70.0	70.3	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 6000	16.1	62.9	67.5	69.6	71.3	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 5000	16.1	64.2	69.1	71.6	73.3	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4500	16.1	64.8	69.9	72.3	74.0	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4000	16.1	65.6	70.8	73.6	75.4	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3500	16.1	65.7	70.9	73.8	75.8	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 3000	16.1	66.3	71.7	74.8	77.0	77.5	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 2500	16.1	67.0	72.6	75.7	78.0	78.7	78.8	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 2000	16.1	67.6	73.2	76.4	78.8	79.6	79.8	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 1800	16.1	68.0	73.5	76.7	79.2	79.9	80.1	80.6	80.7	81.0	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1500	16.1	68.7	74.6	78.0	80.5	81.3	81.7	82.2	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1200	16.1	69.6	75.7	79.3	82.2	83.0	83.5	83.9	84.2	84.4	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1000	16.1	70.4	76.8	80.6	83.8	84.6	85.2	85.7	85.9	86.2	86.3	86.4	86.4	86.4	86.4	86.4
≥ 900	16.1	70.9	77.8	81.9	85.5	86.3	86.9	87.4	87.6	87.8	87.9	88.1	88.1	88.1	88.1	88.1
≥ 800	16.1	71.3	78.5	83.5	87.2	88.3	89.0	89.5	89.7	90.0	90.1	90.2	90.2	90.2	90.2	90.2
≥ 700	16.1	71.4	79.0	84.4	88.7	90.0	90.7	91.1	91.5	91.7	91.8	92.0	92.1	92.2	92.2	92.2
≥ 600	16.1	71.7	79.4	85.2	90.1	91.7	92.4	93.1	93.5	93.7	94.0	94.1	94.2	94.3	94.3	94.3
≥ 500	16.1	71.7	79.4	85.2	90.5	93.0	94.1	94.8	95.2	95.6	95.9	96.0	96.2	96.6	96.6	96.6
≥ 400	16.1	71.7	79.4	85.2	90.8	93.5	94.6	95.7	96.2	97.2	97.5	97.6	97.9	98.3	98.3	98.3
≥ 300	16.1	71.7	79.4	85.2	90.8	93.6	94.8	96.0	96.5	97.5	97.9	98.0	98.2	98.7	98.7	98.7
≥ 200	16.1	71.7	79.4	85.2	90.8	93.6	94.9	96.3	96.8	98.0	98.5	98.6	98.9	99.4	99.4	99.4
≥ 100	16.1	71.7	79.4	85.2	90.8	93.6	94.9	96.3	96.8	98.0	98.5	98.6	98.9	99.8	99.8	99.9
≥ 0	16.1	71.7	79.4	85.2	90.8	93.6	94.9	96.3	96.8	98.0	98.5	98.6	98.9	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 886

USAF ETAC FORM 7-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

FFR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5-16	≥4	≥0
NO CEILING ≥ 20000	15.5 16.5	51.1 58.7	51.7 59.7	51.9 59.9	52.2 60.3	52.2 60.3	52.2 60.3	52.2 60.3	52.2 60.3	52.2 60.3	52.2 60.3	52.2 60.3	52.2 60.3	52.2 60.3	52.2 60.3	52.2 60.3	52.2 60.3
IV 18000 IV 16000	16.5 16.5	59.3 59.5	60.4 60.5	60.6 60.8	61.0 61.1	61.0 61.1	61.0 61.1	61.0 61.1	61.0 61.1	61.0 61.1	61.0 61.1	61.0 61.1	61.0 61.1	61.0 61.1	61.0 61.1	61.0 61.1	61.0 61.1
IV 14000 IV 12000	16.5 17.3	60.0 61.9	61.1 63.1	61.5 63.5	61.8 63.8	61.8 63.8	61.8 63.8	61.8 63.8	61.8 63.8	61.8 63.8	61.8 63.8	61.8 63.8	61.8 63.8	61.8 63.8	61.8 63.8	61.8 63.8	61.8 63.8
IV 10000 IV 9000	18.1 18.1	65.5 65.7	66.8 67.0	67.1 67.4	67.5 67.7	67.5 67.7	67.5 67.7	67.5 67.7	67.5 67.7	67.5 67.7	67.5 67.7	67.5 67.7	67.5 67.7	67.5 67.7	67.5 67.7	67.5 67.7	67.5 67.7
IV 8000 IV 7000	18.1 18.1	66.9 67.7	68.2 69.0	68.7 69.6	69.0 70.0	69.0 70.0	69.0 70.0	69.0 70.0	69.0 70.0	69.0 70.0	69.0 70.0	69.0 70.0	69.0 70.0	69.0 70.0	69.0 70.0	69.0 70.0	69.0 70.0
IV 6000 IV 5000	18.3 18.7	68.6 71.2	70.0 73.2	70.6 73.9	70.9 74.2	70.9 74.2	70.9 74.3	70.9 74.3	70.9 74.3	70.9 74.3	70.9 74.3	70.9 74.3	70.9 74.3	70.9 74.3	70.9 74.3	70.9 74.3	70.9 74.3
IV 4500 IV 4000	18.8 19.0	71.9 74.0	74.2 76.5	74.9 77.2	75.4 77.8	75.4 77.8	75.5 77.9	75.5 77.9	75.5 77.9	75.5 77.9	75.5 77.9	75.5 77.9	75.5 77.9	75.5 77.9	75.5 77.9	75.5 77.9	75.5 77.9
IV 3500 IV 3000	19.5 19.5	75.3 76.8	77.8 79.6	78.7 80.5	79.4 81.2	79.4 81.2	79.6 81.3	79.6 81.3	79.6 81.3	79.6 81.3	79.6 81.3	79.6 81.3	79.6 81.3	79.6 81.3	79.6 81.3	79.6 81.3	79.6 81.3
IV 2500 IV 2000	19.7 19.9	77.8 78.5	80.5 81.2	81.7 82.5	82.6 83.5	82.6 83.7	82.7 83.9	82.7 83.9	82.7 83.9	82.7 83.9	82.7 84.0	82.7 84.0	82.7 84.0	82.7 84.0	82.7 84.0	82.7 84.0	82.7 84.0
IV 1800 IV 1500	19.9 19.9	78.7 79.2	81.4 82.2	83.0 83.9	84.0 85.0	84.3 85.3	84.5 85.6	84.6 85.8	84.6 85.8	84.6 85.8	84.8 85.9	84.8 85.9	84.8 85.9	84.8 85.9	84.8 85.9	84.8 85.9	84.8 85.9
IV 1200 IV 1000	19.9 19.9	80.0 81.1	83.3 84.6	85.3 87.0	86.8 88.5	87.1 89.1	87.6 90.3	87.9 90.3	87.9 90.3	87.9 90.5	88.1 90.5	88.1 90.5	88.1 90.5	88.1 90.8	88.1 90.8	88.1 90.8	88.1 90.8
IV 900 IV 800	19.9 19.9	81.3 81.7	85.3 86.1	87.9 89.0	89.8 91.1	90.4 92.1	91.1 93.0	91.6 93.6	91.6 93.6	91.6 93.9	91.8 93.9	91.8 93.9	91.8 93.9	92.1 94.1	92.1 94.1	92.1 94.2	92.1 94.2
IV 700 IV 600	19.9 19.9	81.8 81.9	86.5 86.9	89.5 90.3	91.8 93.4	92.9 94.8	94.0 96.1	94.7 96.8	94.7 96.8	94.8 96.9	95.0 97.2	95.0 97.2	95.0 97.2	95.3 97.4	95.3 97.4	95.4 97.5	95.4 97.5
IV 500 IV 400	19.9 19.9	82.0 82.0	87.0 87.0	90.4 90.5	93.7 94.3	95.5 96.3	97.0 98.0	97.8 98.7	97.9 98.8	98.0 98.9	98.3 99.3	98.3 99.3	98.3 99.3	98.7 99.6	98.7 99.6	98.8 99.8	98.8 99.8
IV 300 IV 200	19.9 19.9	82.0 82.0	87.0 87.0	90.5 90.5	94.3 94.3	96.3 96.3	98.0 98.0	98.7 98.7	98.9 98.9	99.1 99.1	99.4 99.5	99.4 99.5	99.4 99.5	99.8 99.8	99.8 99.8	99.9 99.9	99.9 100.0
IV 100 0	19.9 19.9	82.0 82.0	87.0 87.0	90.5 90.5	94.3 94.3	96.3 96.3	98.0 98.0	98.7 98.7	98.9 98.9	99.1 99.1	99.5 99.5	99.5 99.5	99.5 99.5	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 886

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEAR

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS - I.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	15.2	49.8	50.7	51.5	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 20000	16.5	59.3	60.6	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 18000	16.5	59.5	60.8	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 16000	16.7	59.8	61.1	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 14000	17.3	61.1	62.4	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 12000	17.6	63.5	64.8	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 10000	18.4	66.9	68.2	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 9000	18.7	67.6	68.9	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 8000	18.9	69.3	70.7	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 7000	19.0	70.0	71.5	72.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 6000	19.3	70.6	72.3	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 5000	19.9	72.8	74.8	76.6	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4500	20.1	74.2	76.4	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4000	20.6	76.5	78.8	80.7	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3500	20.8	78.3	81.0	82.9	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 3000	20.8	78.7	81.6	83.7	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 2500	20.8	79.6	82.5	84.8	85.6	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 2000	20.8	80.1	83.3	85.7	86.5	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1800	20.8	80.6	83.9	86.4	87.2	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1500	20.8	81.7	85.1	87.7	88.7	89.2	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1200	20.8	82.5	86.3	89.0	90.0	90.7	91.0	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4
≥ 1000	20.8	82.7	86.6	89.8	90.9	91.6	92.2	92.3	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6
≥ 900	20.8	82.9	86.8	90.1	91.1	91.8	92.4	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8
≥ 800	20.8	83.2	87.2	90.9	92.2	93.0	93.7	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4
≥ 700	20.8	83.3	87.5	91.5	93.0	93.9	94.7	95.2	95.4	95.5	95.5	95.6	95.6	95.6	95.7	95.7
≥ 600	20.8	83.5	87.6	91.6	93.5	94.3	95.2	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.3	96.3
≥ 500	20.8	83.7	87.8	91.8	94.4	95.4	96.7	97.5	97.9	98.0	98.0	98.1	98.1	98.1	98.2	98.2
≥ 400	20.8	83.7	87.8	92.0	94.8	95.7	97.2	98.3	98.7	98.8	98.9	99.1	99.1	99.1	99.2	99.2
≥ 300	20.8	83.7	87.8	92.0	94.9	95.9	97.4	98.6	98.9	99.1	99.2	99.3	99.3	99.3	99.4	99.4
≥ 200	20.8	83.7	87.8	92.0	94.9	95.9	97.4	98.8	99.3	99.5	99.6	99.8	99.8	99.8	99.9	99.9
≥ 100	20.8	83.7	87.8	92.0	94.9	95.9	97.4	98.9	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0
≥ 0	20.8	83.7	87.8	92.0	94.9	95.9	97.4	98.9	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 896

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

FEF

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	12.9	55.3	56.3	56.9	57.3	57.3	57.3	57.3	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.8
≥ 20000	13.2	61.0	62.1	62.6	63.1	63.1	63.1	63.1	63.2	63.2	63.8	63.8	63.8	63.8	63.8	63.6
≥ 18000	13.2	61.3	62.4	63.0	63.5	63.5	63.5	63.5	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.9
≥ 16000	13.2	61.6	62.6	63.2	63.7	63.7	63.7	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	64.2
≥ 14000	13.2	62.4	63.5	64.2	64.8	64.8	64.8	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.2
≥ 12000	13.6	64.2	65.4	66.1	66.7	66.7	66.7	66.7	66.8	66.8	66.9	66.9	66.9	66.9	66.9	67.1
≥ 10000	14.1	66.7	68.0	68.7	69.4	69.4	69.4	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.9
≥ 9000	14.4	67.3	68.6	69.3	70.0	70.0	70.0	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.4
≥ 8000	14.4	69.9	71.3	72.1	72.8	72.8	72.8	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.3
≥ 7000	14.4	70.4	72.1	72.9	73.6	73.6	73.6	73.6	73.8	73.8	73.9	73.9	73.9	73.9	73.9	74.1
≥ 6000	14.4	71.2	72.8	73.6	74.3	74.3	74.3	74.3	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.8
≥ 5000	14.7	74.1	75.8	76.6	77.5	77.5	77.5	77.5	77.7	77.7	77.8	77.8	77.8	77.8	77.8	78.0
≥ 4500	14.8	75.8	77.5	78.5	79.4	79.4	79.4	79.4	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.9
≥ 4000	14.9	78.0	79.8	80.7	81.9	81.9	81.9	81.9	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.4
≥ 3500	14.9	79.6	81.3	82.3	83.5	83.5	83.5	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.9
≥ 3000	15.0	81.1	83.1	84.0	85.3	85.6	85.6	85.6	85.8	85.8	85.9	85.9	85.9	85.9	85.9	86.2
≥ 2500	15.0	82.2	84.3	85.2	86.5	86.8	86.8	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.4
≥ 2000	15.0	82.2	84.8	85.7	87.1	87.4	87.4	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.9
≥ 1800	15.0	82.6	85.6	86.6	88.1	88.3	88.3	88.4	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.9
≥ 1500	15.0	82.6	85.7	86.8	88.3	88.5	88.5	88.7	88.8	88.9	89.1	89.1	89.2	89.2	89.2	89.5
≥ 1200	15.0	82.9	85.9	87.2	88.9	89.2	89.6	89.7	89.8	89.8	90.1	90.1	90.3	90.3	90.3	90.5
≥ 1000	15.0	83.5	86.8	88.5	90.2	90.5	90.9	91.0	91.1	91.1	91.3	91.3	91.7	91.7	91.7	92.0
≥ 900	15.0	83.5	86.9	88.8	90.4	90.8	91.1	91.3	91.4	91.4	91.6	91.6	92.0	92.0	92.0	92.2
≥ 800	15.0	83.6	87.1	89.1	91.0	91.5	92.1	92.3	92.4	92.6	92.8	92.8	93.1	93.1	93.1	93.4
≥ 700	15.0	83.9	87.7	90.2	92.1	92.6	93.1	93.5	93.6	93.7	94.0	94.0	94.3	94.3	94.3	94.6
≥ 600	15.0	83.9	87.8	90.4	92.6	93.0	93.6	94.1	94.2	94.3	94.6	94.6	94.9	94.9	94.9	95.2
≥ 500	15.0	84.0	88.3	91.3	93.6	94.3	95.2	96.3	96.5	96.7	96.9	97.0	97.4	97.4	97.4	97.6
≥ 400	15.0	84.0	88.3	91.3	93.6	94.3	95.5	96.9	97.4	97.9	98.1	98.2	98.6	98.6	98.6	98.8
≥ 300	15.0	84.0	88.3	91.3	93.6	94.3	95.7	97.2	97.9	98.3	98.7	98.8	99.3	99.3	99.3	99.6
≥ 200	15.0	84.0	88.3	91.3	93.6	94.3	95.7	97.3	98.0	98.5	98.8	98.9	99.4	99.4	99.4	99.9
≥ 100	15.0	84.0	88.3	91.3	93.6	94.3	95.7	97.3	98.0	98.5	98.8	98.9	99.4	99.4	99.4	100.0
≥ 0	15.0	84.0	88.3	91.3	93.6	94.3	95.7	97.3	98.0	98.5	98.8	98.9	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 886

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING ≥ 20000	13.5	57.4	58.0	58.6	59.3	59.8	60.0	60.0	60.0	60.0	60.2	60.2	60.3	60.3	60.3	60.3
IV 18000	13.6	61.9	62.5	63.2	64.1	64.5	64.8	64.8	64.8	64.8	64.9	64.9	65.0	65.0	65.0	65.0
IV 16000	13.6	61.9	62.5	63.2	64.1	64.5	64.8	64.8	64.8	64.8	64.9	64.9	65.0	65.0	65.0	65.0
IV 14000	13.7	62.6	63.2	63.9	64.8	65.2	65.5	65.5	65.5	65.5	65.6	65.6	65.7	65.7	65.7	65.7
IV 12000	13.8	63.9	64.5	65.2	66.1	66.5	66.9	66.9	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.1
IV 10000	14.3	66.1	66.7	67.5	68.3	68.8	69.1	69.1	69.1	69.1	69.3	69.3	69.4	69.4	69.4	69.4
IV 9000	14.7	66.7	67.3	68.1	68.9	69.4	69.7	69.7	69.7	69.7	69.9	69.9	70.0	70.0	70.0	70.0
IV 8000	14.7	68.2	68.8	70.0	70.8	71.3	71.6	71.6	71.6	71.6	71.7	71.7	71.9	71.9	71.9	71.9
IV 7000	14.7	69.3	69.9	71.3	72.3	72.8	73.2	73.2	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.4
IV 6000	14.8	70.1	70.7	72.1	73.2	73.6	74.0	74.0	74.0	74.0	74.1	74.1	74.2	74.2	74.2	74.2
IV 5000	14.9	72.5	73.0	74.5	75.8	76.2	76.6	76.8	76.8	76.8	77.0	77.0	77.1	77.1	77.1	77.1
IV 4500	14.9	73.4	74.0	75.4	76.7	77.2	77.7	77.9	77.9	77.9	78.0	78.0	78.1	78.1	78.1	78.1
IV 4000	14.9	76.1	76.7	78.3	79.6	80.3	80.7	81.0	81.0	81.0	81.1	81.1	81.2	81.2	81.2	81.2
IV 3500	14.9	76.7	77.4	79.2	80.5	81.2	81.7	81.9	81.9	81.9	82.0	82.0	82.2	82.2	82.2	82.2
IV 3000	15.0	78.8	79.8	81.8	83.1	83.8	84.4	84.6	84.6	84.6	84.8	84.8	84.9	84.9	84.9	84.9
IV 2500	15.1	79.6	80.7	82.9	84.2	84.9	85.5	85.7	85.7	85.7	85.8	85.8	85.9	85.9	85.9	85.9
IV 2000	15.2	80.5	81.9	84.0	85.3	86.2	86.8	87.0	87.0	87.0	87.1	87.1	87.2	87.2	87.2	87.2
IV 1800	15.4	81.0	82.9	85.1	86.4	87.2	87.8	88.1	88.1	88.1	88.2	88.2	88.3	88.3	88.3	88.3
IV 1600	15.4	81.1	83.1	85.3	86.8	87.7	88.4	88.8	88.9	88.9	89.0	89.0	89.1	89.1	89.1	89.1
IV 1400	15.4	81.3	83.5	85.7	87.1	88.1	88.8	89.1	89.2	89.2	89.4	89.4	89.5	89.5	89.5	89.5
IV 1200	15.4	82.3	84.6	86.9	88.5	89.6	90.3	90.7	90.8	90.8	90.9	90.9	91.0	91.0	91.0	91.0
IV 1000	15.4	82.6	85.0	87.2	88.9	90.0	90.7	91.0	91.1	91.1	91.3	91.3	91.4	91.4	91.4	91.4
IV 900	15.4	83.0	85.5	87.8	89.7	90.9	91.6	92.0	92.1	92.1	92.2	92.2	92.3	92.3	92.3	92.3
IV 800	15.4	83.3	86.2	89.2	91.1	92.3	93.0	93.4	93.5	93.5	93.6	93.6	93.7	93.7	93.7	93.7
IV 700	15.4	83.7	86.8	90.0	92.0	93.1	93.9	94.3	94.4	94.4	94.6	94.6	94.7	94.7	94.7	94.7
IV 600	15.4	83.9	87.0	90.2	92.4	93.7	94.7	95.5	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.1
IV 500	15.4	84.0	87.1	90.3	92.6	94.1	95.3	96.8	97.3	97.5	97.6	97.6	97.8	97.8	97.8	97.8
IV 400	15.4	84.0	87.1	90.4	92.9	94.4	95.6	97.2	98.0	98.2	98.3	98.3	98.5	98.5	98.5	98.5
IV 300	15.4	84.0	87.1	90.4	92.9	94.4	95.6	97.2	98.1	98.5	98.6	98.6	98.8	98.8	98.8	98.8
IV 200	15.4	84.0	87.1	90.4	92.9	94.4	95.6	97.2	98.1	98.6	98.7	98.7	98.9	98.9	99.1	99.8
IV 100	15.4	84.0	87.1	90.4	92.9	94.4	95.6	97.2	98.1	98.6	98.7	98.7	98.9	98.9	99.1	99.8
IV 0	15.4	84.0	87.1	90.4	92.9	94.4	95.6	97.2	98.1	98.6	98.7	98.7	98.9	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 886

USAF ETAC FORM 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	12.2	54.6	55.4	56.6	57.7	57.9	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.6
≥ 70000	12.5	58.9	60.0	61.3	62.4	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.4
IV 18000	12.5	59.5	60.6	61.9	63.0	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7	63.9
IV 16000	12.5	59.7	60.9	62.2	63.2	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	64.2
IV 14000	12.5	60.9	62.1	63.4	64.4	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1	65.4
IV 12000	12.5	62.4	63.6	64.9	66.0	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7	66.9
IV 10000	13.1	66.3	67.7	69.0	70.1	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	71.0
IV 9000	13.1	66.4	67.8	69.3	70.3	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.3
IV 8000	13.5	68.2	69.7	71.2	72.2	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	73.2
IV 7000	13.6	68.9	70.4	72.0	73.2	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	74.1
IV 6000	13.6	69.7	71.3	72.8	74.0	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.9
IV 5000	13.8	72.9	74.6	76.1	77.3	77.5	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.4
IV 4500	13.8	73.9	75.5	77.1	78.3	78.5	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.3
IV 4000	13.8	75.7	77.3	78.8	80.0	80.3	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.9	81.1
IV 3500	13.8	76.7	78.4	79.9	81.1	81.3	81.7	81.8	81.8	81.8	81.8	81.9	81.9	81.9	82.0	82.3
IV 3000	13.9	77.9	79.9	81.4	82.6	82.9	83.2	83.3	83.3	83.3	83.3	83.5	83.6	83.6	83.7	83.9
IV 2500	13.9	78.4	80.7	82.5	83.7	83.9	84.3	84.4	84.4	84.4	84.4	84.5	84.6	84.6	84.8	85.0
IV 2000	13.9	80.0	82.6	84.5	85.7	85.9	86.3	86.4	86.4	86.4	86.4	86.5	86.6	86.6	86.8	87.0
IV 1800	13.9	80.3	82.9	84.8	85.9	86.2	86.5	86.6	86.6	86.6	86.6	86.8	86.9	86.9	87.0	87.2
IV 1500	13.9	80.5	83.1	85.1	86.4	86.6	87.0	87.1	87.1	87.1	87.2	87.4	87.4	87.4	87.5	87.7
IV 1200	13.9	81.0	83.6	85.7	87.0	87.2	87.6	87.7	87.8	87.8	87.9	88.1	88.1	88.1	88.2	88.4
IV 1000	13.9	81.4	84.2	86.4	88.2	88.4	88.8	88.9	89.0	89.1	89.2	89.4	89.4	89.4	89.5	89.7
IV 900	13.9	81.6	84.3	86.9	88.3	88.5	88.9	89.0	89.1	89.2	89.5	89.6	89.6	89.6	89.7	90.0
IV 800	13.9	82.0	84.8	87.6	89.5	89.7	90.2	90.3	90.4	90.5	90.8	90.9	91.0	91.0	91.1	91.4
IV 700	13.9	82.3	85.6	88.5	90.4	90.7	91.1	91.3	91.4	91.5	91.7	91.8	92.0	92.0	92.1	92.3
IV 600	13.9	82.3	85.7	89.1	91.1	91.4	91.8	92.0	92.1	92.3	92.6	92.7	92.8	92.8	92.9	93.1
IV 500	13.9	82.6	86.1	89.6	91.7	92.2	92.8	93.3	93.4	93.6	93.9	94.0	94.1	94.1	94.2	94.4
IV 400	13.9	82.6	86.2	90.0	92.2	92.7	93.6	94.2	94.4	95.2	95.4	95.6	95.7	95.7	95.9	96.1
IV 300	13.9	82.6	86.2	90.2	92.6	93.0	94.0	94.9	95.6	96.3	96.6	96.8	97.2	97.2	97.3	98.0
IV 200	13.9	82.6	86.2	90.2	92.6	93.0	94.1	95.3	96.1	96.8	97.0	97.3	97.6	97.6	97.8	98.5
IV 100	13.9	82.6	86.2	90.2	92.6	93.1	94.1	95.3	96.1	96.8	97.0	97.3	97.6	98.0	98.2	99.5
IV 0	13.9	82.6	86.2	90.2	92.6	93.1	94.1	95.3	96.1	96.8	97.0	97.3	97.6	98.0	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 886

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING ≥ 20000	11.7	51.7	53.8	54.7	55.0	55.3	56.0	56.1	56.1	56.1	56.3	56.3	56.4	56.5	56.5	56.5
IV 18000	12.1	56.3	59.0	59.9	60.4	60.8	61.7	61.8	61.8	61.9	61.9	61.9	62.1	62.2	62.2	62.2
IV 16000	12.1	56.7	59.5	60.4	60.9	61.2	62.2	62.3	62.3	62.4	62.4	62.4	62.5	62.6	62.6	62.6
IV 14000	12.2	58.2	60.9	61.8	62.3	62.6	63.6	63.7	63.7	63.7	63.8	63.8	63.9	64.1	64.1	64.1
IV 12000	12.3	59.0	61.7	62.6	63.1	63.5	64.4	64.5	64.5	64.5	64.7	64.7	64.8	64.9	64.9	64.9
IV 10000	12.5	61.7	64.5	65.5	66.0	66.3	67.3	67.4	67.4	67.4	67.5	67.5	67.6	67.7	67.7	67.7
IV 9000	12.5	61.8	64.8	66.1	66.5	66.9	67.8	68.0	68.0	68.0	68.1	68.1	68.2	68.3	68.3	68.3
IV 8000	12.9	64.8	67.7	69.3	69.7	70.2	71.2	71.3	71.3	71.3	71.4	71.4	71.5	71.6	71.6	71.6
IV 7000	13.2	65.7	68.7	70.2	70.7	71.2	72.1	72.2	72.2	72.2	72.3	72.3	72.5	72.6	72.6	72.6
IV 6000	13.4	66.2	69.1	70.7	71.3	71.7	72.7	72.8	72.8	72.8	72.9	72.9	73.0	73.2	73.2	73.2
IV 5000	13.4	68.1	71.2	72.7	73.3	73.8	74.7	74.8	74.8	74.8	74.9	74.9	75.1	75.2	75.2	75.2
IV 4500	13.6	69.7	72.9	74.5	75.1	75.5	76.5	76.6	76.6	76.6	76.7	76.7	76.8	77.0	77.0	77.0
IV 4000	13.6	70.8	74.8	75.5	76.2	76.7	77.7	77.8	77.8	77.8	77.9	77.9	78.0	78.1	78.1	78.1
IV 3500	13.6	72.1	75.3	76.8	77.5	78.0	79.0	79.1	79.1	79.1	79.2	79.2	79.3	79.4	79.4	79.4
IV 3000	13.6	73.6	77.0	78.5	79.3	79.9	80.9	81.1	81.2	81.2	81.3	81.3	81.4	81.6	81.6	81.6
IV 2500	13.7	74.0	77.4	79.0	79.8	80.4	81.3	81.6	81.7	81.7	81.8	81.8	81.9	82.0	82.0	82.0
IV 2000	13.7	75.3	79.0	80.5	81.4	82.2	83.1	83.3	83.6	83.6	83.7	83.7	83.8	83.9	83.9	83.9
IV 1800	13.7	75.8	79.6	81.1	82.0	82.7	83.7	83.9	84.2	84.2	84.3	84.3	84.4	84.5	84.5	84.5
IV 1500	13.7	76.2	80.0	81.6	82.5	83.2	84.2	84.4	84.6	84.6	84.8	84.8	84.9	85.0	85.0	85.0
IV 1200	13.7	76.8	80.9	82.6	83.7	84.4	85.3	85.6	85.8	85.8	85.9	85.9	86.1	86.2	86.2	86.2
IV 1000	13.7	77.7	81.7	83.6	84.9	85.6	86.5	86.8	87.0	87.0	87.1	87.1	87.2	87.4	87.4	87.4
IV 900	13.7	77.8	81.7	83.6	84.9	85.6	86.5	86.8	87.0	87.0	87.1	87.1	87.2	87.4	87.4	87.4
IV 800	13.7	77.9	81.9	84.0	85.3	86.1	87.0	87.2	87.6	87.6	87.7	87.7	87.9	88.1	88.1	88.1
IV 700	13.7	78.8	82.9	85.7	87.5	88.2	89.1	89.5	90.0	90.0	90.1	90.2	90.4	90.5	90.5	90.5
IV 600	13.7	78.8	83.1	86.2	88.1	88.9	89.7	90.1	90.5	90.5	90.7	90.8	91.0	91.1	91.1	91.1
IV 500	13.7	78.8	83.3	86.6	88.8	89.8	91.3	91.7	92.2	92.2	92.3	92.4	92.7	92.8	92.8	92.8
IV 400	13.7	78.8	83.5	87.0	89.2	91.0	93.8	94.0	94.9	95.0	95.2	95.3	95.6	95.7	95.7	95.7
IV 300	13.7	78.8	83.8	87.1	89.4	91.1	93.3	94.6	95.6	95.7	95.9	96.0	96.3	96.5	96.5	96.6
IV 200	13.7	78.8	83.5	87.1	89.4	91.3	93.4	95.0	96.1	96.3	96.8	96.9	97.4	97.6	97.6	98.1
IV 100	13.7	78.8	83.8	87.1	89.4	91.3	93.4	95.0	96.1	96.3	96.9	97.2	97.8	98.6	98.9	99.6
IV 0	13.7	78.8	83.8	87.1	89.4	91.3	93.4	95.0	96.1	96.3	96.9	97.2	97.8	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 886

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS TEST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING	13.1	51.3	52.8	53.8	54.4	54.6	54.8	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.1
≥ 20000	13.7	57.0	58.8	59.8	60.6	60.8	61.1	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3
IV 18000	13.7	57.3	59.2	60.2	61.0	61.2	61.5	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7
IV 16000	13.8	57.6	59.4	60.4	61.2	61.4	61.7	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	62.0
IV 14000	13.9	58.7	60.5	61.6	62.4	62.6	62.9	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.2
IV 12000	14.2	60.3	62.2	63.3	64.1	64.3	64.7	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	65.0
IV 10000	14.7	63.2	65.3	66.6	67.4	67.6	68.0	68.0	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2
IV 9000	14.8	63.6	65.7	67.0	67.9	68.1	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7
IV 8000	15.0	65.6	67.8	69.3	70.2	70.4	70.8	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.1
IV 7000	15.3	66.9	68.8	70.4	71.3	71.6	72.0	72.0	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.3
IV 6000	15.2	67.3	69.6	71.3	72.2	72.5	72.9	72.9	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.2
IV 5000	15.5	69.6	72.1	73.9	74.9	75.2	75.6	75.7	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9
IV 4500	15.6	70.7	73.4	75.2	76.2	76.5	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.3
IV 4000	15.7	72.9	75.3	77.2	78.3	78.6	79.0	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.4
IV 3500	15.8	73.5	76.4	78.3	79.5	79.9	80.3	80.4	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.7
IV 3000	15.8	74.8	77.8	79.9	81.2	81.6	82.1	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.5
IV 2500	15.9	75.5	78.6	80.8	82.2	82.6	83.1	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.6
IV 2000	15.9	76.3	79.7	81.9	83.3	83.9	84.4	84.6	84.7	84.8	84.8	84.9	84.9	84.9	84.9	85.0
IV 1800	15.9	76.7	80.2	82.5	84.0	84.5	85.1	85.3	85.4	85.4	85.5	85.5	85.5	85.6	85.6	85.7
IV 1500	16.0	77.2	80.8	83.2	84.7	85.3	85.9	86.2	86.3	86.3	86.4	86.5	86.5	86.5	86.6	86.6
IV 1200	16.0	77.7	81.5	84.1	85.7	86.3	87.0	87.3	87.5	87.5	87.6	87.6	87.7	87.7	87.7	87.8
IV 1000	16.0	78.4	82.4	85.2	87.0	87.7	88.5	88.8	88.9	89.0	89.1	89.2	89.3	89.3	89.3	89.4
IV 900	16.0	78.6	82.7	85.7	87.6	88.3	89.1	89.4	89.6	89.7	89.8	89.9	90.0	90.0	90.0	90.0
IV 800	16.0	78.9	83.2	86.5	88.7	89.5	90.4	90.7	91.0	91.0	91.2	91.2	91.3	91.4	91.4	91.5
IV 700	16.0	79.1	83.7	87.5	89.8	90.8	91.7	92.1	92.3	92.4	92.6	92.6	92.8	92.9	92.9	93.0
IV 600	16.0	79.3	84.0	88.0	90.7	91.8	92.8	93.2	93.5	93.6	93.8	93.9	94.0	94.1	94.1	94.2
IV 500	16.0	79.4	84.2	88.4	91.4	92.9	94.2	94.9	95.3	95.4	95.6	95.7	95.9	96.0	96.0	96.1
IV 400	16.0	79.4	84.3	88.5	91.8	93.4	94.9	96.0	96.5	96.9	97.1	97.2	97.4	97.5	97.5	97.7
IV 300	16.0	79.5	84.3	88.6	91.9	93.6	95.2	96.4	97.1	97.5	97.8	97.9	98.1	98.3	98.3	98.5
IV 200	16.0	79.5	84.3	88.6	92.0	93.6	95.3	96.7	97.4	98.0	98.3	98.8	98.7	98.9	99.0	99.2
IV 100	16.0	79.5	84.3	88.6	92.0	93.6	95.3	96.7	97.5	98.0	98.3	98.5	98.8	99.2	99.3	99.8
IV 0	16.0	79.5	84.3	88.6	92.0	93.6	95.3	96.7	97.5	98.0	98.3	98.5	98.8	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS - LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅔	≥0
NO CEILING	8.8	42.6	47.3	48.7	49.4	49.6	49.8	50.0	50.0	50.1	50.2	50.3	50.4	50.4	50.4	50.4
≥ 20000	10.0	48.6	53.8	55.4	56.3	56.7	57.0	57.2	57.2	57.3	57.4	57.5	57.6	57.6	57.6	57.6
IV 18000	10.1	49.2	54.4	56.0	57.0	57.4	57.8	58.1	58.1	58.2	58.3	58.4	58.5	58.5	58.5	58.5
IV 16000	10.1	49.2	54.4	56.0	57.0	57.4	57.8	58.1	58.1	58.2	58.3	58.4	58.5	58.5	58.5	58.5
IV 14000	10.5	51.1	56.2	57.8	58.9	59.4	59.8	60.0	60.0	60.1	60.2	60.3	60.4	60.4	60.4	60.4
IV 12000	11.0	52.7	58.0	59.6	60.6	61.1	61.5	61.7	61.7	61.8	61.9	62.0	62.2	62.2	62.2	62.2
IV 10000	11.4	55.9	61.6	63.4	64.6	65.2	65.6	65.8	65.8	65.9	66.0	66.1	66.2	66.2	66.2	66.2
IV 9000	11.5	56.1	61.9	63.9	65.1	65.6	66.0	66.2	66.2	66.3	66.5	66.6	66.7	66.7	66.7	66.7
IV 8000	11.6	58.0	63.8	65.9	67.3	67.8	68.3	68.5	68.5	68.6	68.7	68.8	68.9	68.9	68.9	68.9
IV 7000	11.7	58.5	64.3	66.5	67.8	68.4	68.8	69.0	69.0	69.1	69.2	69.4	69.5	69.5	69.5	69.5
IV 6000	11.8	59.7	65.6	67.7	69.1	69.8	70.3	70.5	70.5	70.6	70.8	70.9	71.0	71.0	71.0	71.0
IV 5000	11.8	61.2	67.7	70.1	71.5	72.2	72.7	72.9	72.9	73.0	73.1	73.2	73.3	73.3	73.3	73.3
IV 4500	12.0	63.0	69.7	72.2	73.5	74.2	74.7	74.9	74.9	75.1	75.2	75.3	75.4	75.4	75.4	75.4
IV 4000	12.0	64.4	71.1	73.5	74.9	75.6	76.1	76.3	76.3	76.5	76.6	76.7	76.8	76.8	76.8	76.8
IV 3500	12.2	65.3	72.0	74.7	76.1	76.8	77.3	77.5	77.5	77.6	77.7	77.8	78.0	78.0	78.0	78.0
IV 3000	12.2	65.9	72.7	75.4	77.0	77.6	78.3	78.5	78.5	78.6	78.7	78.8	78.9	78.9	78.9	78.9
IV 2500	12.2	66.9	73.7	76.6	78.3	79.0	79.9	80.1	80.1	80.2	80.3	80.4	80.5	80.5	80.5	80.5
IV 2000	12.2	67.7	74.9	77.8	79.7	80.4	81.3	81.5	81.5	81.6	81.7	81.8	81.9	81.9	81.9	81.9
IV 1800	12.3	68.2	75.5	78.4	80.2	81.0	81.8	82.0	82.0	82.2	82.3	82.4	82.5	82.5	82.5	82.5
IV 1500	12.3	68.7	76.1	79.0	81.0	81.7	82.6	82.8	82.8	82.9	83.0	83.1	83.2	83.2	83.2	83.2
IV 1200	12.4	69.9	77.4	80.3	82.3	83.0	83.9	84.1	84.1	84.2	84.3	84.4	84.5	84.5	84.5	84.5
IV 1000	12.5	70.4	78.2	81.2	83.1	83.9	84.7	85.1	85.1	85.2	85.3	85.4	85.5	85.5	85.5	85.5
IV 900	12.6	71.2	79.1	82.3	84.3	85.2	86.0	86.3	86.3	86.5	86.6	86.7	86.8	86.8	86.8	86.8
IV 800	12.6	71.3	79.4	82.9	84.9	86.3	87.2	87.6	87.6	87.7	87.8	88.0	88.1	88.1	88.1	88.1
IV 700	12.7	71.5	79.7	83.7	85.7	87.2	88.2	88.6	88.6	88.7	88.8	88.9	89.0	89.0	89.0	89.0
IV 600	12.7	71.5	80.0	84.5	86.8	88.5	89.9	90.4	90.4	90.5	90.6	90.8	90.9	90.9	90.9	90.9
IV 500	12.7	71.8	80.5	85.2	88.3	90.4	92.2	92.8	92.8	92.9	93.1	93.3	93.4	93.5	93.5	93.5
IV 400	12.7	71.8	80.6	85.4	88.8	91.3	93.3	94.4	94.6	94.8	95.1	95.5	95.7	95.8	95.8	95.8
IV 300	12.7	71.8	80.9	85.6	89.0	91.5	93.8	94.8	95.3	95.6	96.2	96.7	97.1	97.2	97.3	97.3
IV 200	12.7	71.8	80.9	85.6	89.0	91.5	93.8	94.9	95.4	95.8	96.6	97.1	97.6	98.0	98.1	98.1
IV 100	12.7	71.8	80.9	85.6	89.0	91.5	93.8	94.9	95.4	95.8	96.7	97.2	98.0	98.7	99.2	99.5
IV 0	12.7	71.8	80.9	85.6	89.0	91.5	93.8	94.9	95.4	95.8	96.7	97.2	98.1	98.8	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL 4) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030 POPE AFB NC

74-83

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	13.7	51.5	53.3	53.7	53.7	53.7	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 20000	14.6	57.8	59.9	60.3	60.3	60.3	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 18000	14.6	58.1	60.1	60.5	60.5	60.5	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 16000	14.6	58.2	60.2	60.6	60.6	60.6	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 14000	15.2	59.6	61.6	62.0	62.0	62.0	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 12000	15.7	61.5	63.5	64.0	64.0	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 10000	16.0	65.5	67.8	68.3	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 9000	16.0	65.5	68.0	68.4	68.4	68.4	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 8000	16.0	67.5	70.1	70.5	70.6	70.6	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 7000	16.1	68.9	71.5	71.9	72.0	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 6000	16.1	70.0	72.7	73.1	73.2	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 5000	16.2	71.6	74.4	74.9	75.1	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4500	16.2	72.3	75.1	75.7	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4000	16.2	74.3	77.4	78.3	78.5	78.5	78.6	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8
≥ 3500	16.2	75.2	78.3	79.2	79.5	79.5	79.6	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3000	16.2	76.3	79.6	80.6	80.9	80.9	81.1	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4
≥ 2500	16.2	77.5	80.8	81.9	82.2	82.2	82.4	82.5	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7
≥ 2000	16.2	78.6	82.2	83.4	83.8	83.8	84.1	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1800	16.3	79.1	82.8	84.1	84.4	84.4	84.7	84.8	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1500	16.3	79.6	83.3	84.7	85.2	85.2	85.5	85.6	85.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1200	16.5	80.5	84.4	85.8	86.2	86.2	86.6	86.7	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1000	16.7	81.4	85.6	87.0	88.5	88.5	88.9	89.0	89.0	89.4	89.5	89.5	89.5	89.5	89.5	89.5
≥ 900	16.7	81.9	86.2	88.7	89.4	89.5	89.9	90.0	90.0	90.3	90.4	90.4	90.4	90.4	90.4	90.4
≥ 800	16.7	82.4	86.9	89.4	90.1	90.3	90.9	91.0	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4
≥ 700	16.7	82.5	87.0	89.9	91.1	91.5	92.0	92.2	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.6
≥ 600	16.7	82.5	87.1	90.4	92.8	93.2	93.9	94.1	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.5
≥ 500	16.7	82.9	87.6	91.6	94.2	94.8	95.7	96.2	96.3	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	16.7	82.9	87.7	91.7	94.5	95.7	96.7	97.4	97.5	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	16.7	82.9	87.7	91.8	94.8	96.0	97.1	97.8	98.0	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	16.7	82.9	87.7	91.8	94.8	96.0	97.2	98.0	98.1	98.9	99.1	99.2	99.5	99.5	99.6	99.6
≥ 100	16.7	82.9	87.7	91.8	94.8	96.0	97.2	98.0	98.1	98.9	99.1	99.2	99.6	99.6	99.8	99.9
≥ 0	16.7	82.9	87.7	91.8	94.8	96.0	97.2	98.0	98.1	98.9	99.1	99.2	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030 POPE AFB NC

74-83

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS - LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	16.8	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 20000	19.7	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 18000	19.8	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 16000	19.8	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 14000	20.1	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 12000	20.2	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 10000	20.4	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 9000	20.5	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 8000	20.8	70.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 7000	20.9	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 6000	21.0	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 5000	21.1	74.4	75.4	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4500	21.1	75.1	76.0	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4000	21.2	77.2	78.6	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 3500	21.2	78.6	80.0	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3000	21.3	81.7	83.4	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2500	21.4	83.2	85.1	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	21.7	84.2	86.0	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1800	21.8	84.4	86.3	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1500	21.8	84.9	87.0	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1200	21.8	85.7	88.0	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1000	21.9	86.9	89.5	90.9	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 900	21.9	86.9	89.7	91.1	91.6	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 800	21.9	87.6	90.6	92.3	93.0	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 700	22.0	88.1	91.4	93.3	94.3	94.5	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 600	22.0	88.7	92.0	94.4	95.6	96.2	96.6	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	22.0	88.7	92.0	94.6	96.3	97.2	97.7	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	22.0	88.7	92.0	94.6	96.3	97.2	98.0	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	22.0	88.7	92.0	94.6	96.3	97.2	98.1	98.9	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	22.0	88.7	92.0	94.6	96.3	97.2	98.2	99.0	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 100	22.0	88.7	92.0	94.6	96.3	97.2	98.2	99.0	99.2	99.6	99.7	99.7	99.8	99.9	99.9	99.9
≥ 0	22.0	88.7	92.0	94.6	96.3	97.2	98.2	99.0	99.2	99.6	99.7	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7230X0

POPE AFB NC

STATION NAME

74-83

YEARS

MAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	19.4	53.8	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	21.0	61.1	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 18000	21.1	61.2	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 16000	21.1	61.2	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 14000	21.4	62.3	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 12000	21.4	64.1	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 10000	21.9	67.1	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 9000	22.0	67.2	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 8000	22.3	69.4	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 7000	22.4	70.8	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 6000	22.4	72.2	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 5000	22.8	74.0	74.7	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4500	22.9	75.7	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4000	23.5	77.8	79.4	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 3500	23.5	79.1	81.0	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3000	24.0	81.7	84.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2500	24.0	83.0	85.7	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2000	24.2	84.3	87.0	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800	24.2	84.7	87.5	88.9	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1500	24.2	85.3	88.3	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1200	24.2	85.7	88.7	90.3	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1000	24.2	86.9	90.2	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 900	24.2	87.1	90.4	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 800	24.2	87.6	91.2	93.7	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 700	24.2	88.0	92.2	94.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	24.2	88.2	92.7	95.5	96.9	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500	24.3	88.5	93.0	95.9	97.4	97.8	98.1	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5
≥ 400	24.3	88.5	93.1	96.0	97.5	98.0	98.3	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	24.3	88.5	93.1	96.0	97.5	98.0	98.3	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	24.3	88.5	93.1	96.0	97.5	98.0	98.3	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	24.3	88.5	93.1	96.0	97.5	98.0	98.3	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	24.3	88.5	93.1	96.0	97.5	98.0	98.3	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1800

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	16.7	56.7	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 20000	17.4	61.8	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 18000	17.5	61.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 16000	17.5	61.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 14000	17.8	63.1	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 12000	18.2	64.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 10000	19.1	67.7	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 9000	19.1	68.1	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 8000	19.5	70.2	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 7000	19.6	71.2	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 6000	19.6	72.2	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 5000	20.0	74.5	76.2	76.9	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 4500	20.1	76.0	77.7	78.5	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 4000	20.5	78.4	80.8	81.8	82.0	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 3500	20.5	78.9	81.3	82.5	82.7	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 3000	20.5	80.0	82.5	83.8	84.0	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 2500	20.5	81.1	83.9	85.2	85.5	85.9	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 2000	20.9	82.3	85.2	86.6	87.1	87.5	87.6	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 1800	20.9	82.8	85.7	87.1	87.6	88.1	88.2	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 1500	20.9	83.8	86.8	88.3	88.8	89.2	89.4	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 1200	20.9	84.2	87.5	89.0	89.6	90.0	90.1	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 1000	20.9	84.8	88.2	89.7	90.4	90.9	91.1	91.3	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 900	20.9	85.4	88.7	90.2	91.0	91.4	91.6	91.8	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 800	20.9	85.9	89.5	91.7	92.7	93.4	93.7	94.0	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 700	20.9	86.1	90.0	92.3	93.2	94.2	94.4	94.7	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 600	20.9	86.2	90.2	92.7	94.1	95.2	95.6	95.9	96.0	96.6	96.7	96.7	96.7	96.7	96.7	96.7
IV 500	20.9	86.2	90.3	93.0	94.6	95.8	96.3	96.9	97.0	97.5	97.6	97.6	97.6	97.6	97.6	97.6
IV 400	20.9	86.2	90.3	93.2	94.8	96.2	97.1	97.6	97.8	98.4	98.5	98.5	98.6	98.6	98.7	98.7
IV 300	20.9	86.2	90.3	93.3	94.9	96.3	97.2	97.7	98.3	98.8	98.9	98.9	99.0	99.0	99.1	99.1
IV 200	20.9	86.2	90.3	93.3	94.9	96.3	97.2	97.7	98.6	99.1	99.4	99.4	99.5	99.6	99.7	99.7
IV 100	20.9	86.2	90.3	93.3	94.9	96.3	97.2	97.7	98.6	99.1	99.4	99.4	99.5	99.6	99.7	99.7
IV 0	20.9	86.2	90.3	93.3	94.9	96.3	97.2	97.7	98.6	99.1	99.4	99.4	99.5	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030 POPE AFB NC

74-83

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 5/16	≥ 0
NO CEILING	15.3	59.9	61.0	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4
≥ 20000	15.9	65.6	66.8	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2
≥ 18000	16.0	65.9	67.1	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5
≥ 16000	16.0	66.1	67.3	67.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7
≥ 14000	16.2	66.6	67.7	67.7	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2
≥ 12000	16.5	67.0	68.2	68.2	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6
≥ 10000	16.9	70.5	71.9	71.9	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4
≥ 9000	16.9	70.6	72.0	72.0	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5
≥ 8000	17.4	72.4	74.0	74.1	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5
≥ 7000	17.4	72.7	74.3	74.4	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8
≥ 6000	17.4	73.4	75.1	75.2	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6
≥ 5000	18.1	76.1	77.7	77.8	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6
≥ 4500	18.1	77.5	79.4	79.5	79.6	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3
≥ 4000	18.1	79.6	81.5	81.7	81.8	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6
≥ 3500	18.1	80.1	82.0	82.3	82.4	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1
≥ 3000	18.2	81.2	83.1	83.4	83.7	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5
≥ 2500	18.4	81.5	83.5	83.9	84.1	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9
≥ 2000	18.4	82.0	84.1	84.4	84.6	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5
≥ 1800	18.5	82.6	84.8	85.2	85.5	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.5	86.5	86.5
≥ 1500	18.5	83.7	86.1	86.5	86.8	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7
≥ 1200	18.5	84.3	86.9	87.2	87.6	88.4	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7
≥ 1000	18.6	85.6	88.2	88.5	88.9	89.7	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1
≥ 900	18.7	86.2	89.1	89.6	90.0	90.8	90.8	90.9	91.0	91.1	91.1	91.1	91.1	91.2	91.2	91.2
≥ 800	18.7	86.7	89.8	90.3	90.9	91.7	91.7	91.8	91.9	92.0	92.0	92.0	92.0	92.1	92.1	92.1
≥ 700	18.7	87.2	90.5	91.3	91.8	92.9	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4
≥ 600	18.7	87.4	90.8	91.5	92.3	93.7	93.7	93.9	94.4	94.6	94.6	94.6	94.6	94.7	94.7	94.7
≥ 500	18.7	87.5	91.0	91.9	92.9	94.4	95.1	95.6	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0
≥ 400	18.7	87.6	91.1	92.5	93.7	95.5	96.3	97.4	97.7	98.0	98.1	98.2	98.3	98.3	98.3	98.3
≥ 300	18.7	87.6	91.1	92.5	93.7	95.5	96.5	97.7	98.1	98.5	98.9	99.0	99.2	99.2	99.2	99.2
≥ 200	18.7	87.6	91.1	92.5	93.7	95.5	96.5	97.7	98.4	98.9	99.4	99.6	99.9	99.9	99.9	99.9
≥ 100	18.7	87.6	91.1	92.5	93.7	95.5	96.5	97.7	98.4	99.0	99.5	99.7	100.0	100.0	100.0	100.0
≥ 0	18.7	87.6	91.1	92.5	93.7	95.5	96.5	97.7	98.4	99.0	99.5	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	13.5	58.4	59.1	59.5	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	14.4	64.5	65.5	65.8	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 18000	14.8	65.2	66.1	66.5	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 16000	14.8	65.2	66.1	66.5	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 14000	15.2	66.0	67.0	67.3	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 12000	15.4	67.2	68.2	68.5	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 10000	15.7	70.2	71.2	71.5	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 9000	15.7	70.5	71.5	71.8	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 8000	15.8	72.2	73.1	73.8	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 7000	15.9	72.7	73.9	74.5	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 6000	16.0	73.0	74.3	74.9	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 5000	16.2	75.1	76.3	77.0	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 4500	16.3	77.4	78.7	79.5	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 4000	16.5	78.8	80.1	80.9	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 3500	16.6	79.4	80.8	81.5	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 3000	16.6	80.8	82.3	83.3	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 2500	16.6	81.2	82.8	84.1	84.8	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 2000	16.6	81.6	83.2	84.5	85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 1800	16.7	81.9	83.5	84.8	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 1500	16.7	82.3	83.9	85.3	86.1	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 1200	16.8	82.9	84.7	86.2	87.3	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 1000	16.9	83.8	85.6	87.1	88.2	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 900	16.9	83.9	85.9	87.4	88.7	89.0	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 800	16.9	84.3	86.6	88.1	89.5	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 700	17.0	85.2	87.4	89.0	90.6	91.1	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 600	17.0	85.3	87.7	89.4	91.1	91.7	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 500	17.0	85.5	88.2	90.3	92.9	94.0	94.8	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 400	17.0	85.5	88.2	90.3	92.9	94.4	96.1	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 300	17.0	85.5	88.2	90.4	93.1	94.6	96.5	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 200	17.0	85.5	88.2	90.4	93.1	94.6	96.5	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 100	17.0	85.5	88.2	90.4	93.1	94.6	96.5	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 0	17.0	85.5	88.2	90.4	93.1	94.6	96.5	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	11.8	52.7	55.5	56.2	56.9	57.0	57.2	57.4	57.4	57.4	57.5	57.5	57.6	57.6	57.7	57.7
IV 20000	12.6	58.8	62.0	63.0	63.7	63.8	64.0	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.5	64.5
IV 18000	12.7	59.1	62.4	63.3	64.0	64.1	64.3	64.5	64.5	64.5	64.6	64.6	64.7	64.7	64.8	64.8
IV 16000	12.8	59.2	62.5	63.4	64.1	64.2	64.4	64.6	64.6	64.6	64.7	64.7	64.8	64.8	64.9	64.9
IV 14000	13.0	60.3	63.7	64.6	65.3	65.5	65.8	66.0	66.0	66.0	66.1	66.1	66.2	66.2	66.3	66.3
IV 12000	13.0	61.2	64.5	65.5	66.1	66.3	66.7	66.9	66.9	66.9	67.0	67.0	67.1	67.1	67.2	67.2
IV 10000	13.3	63.4	66.8	67.8	68.5	68.7	69.0	69.2	69.2	69.2	69.4	69.4	69.5	69.5	69.6	69.6
IV 9000	13.3	64.3	67.6	68.7	69.4	69.6	69.9	70.1	70.1	70.1	70.2	70.2	70.3	70.3	70.4	70.4
IV 8000	13.4	65.3	68.6	69.7	70.3	70.5	70.9	71.1	71.1	71.1	71.2	71.2	71.3	71.3	71.4	71.4
IV 7000	13.4	66.1	69.7	70.9	71.5	71.7	72.0	72.3	72.3	72.3	72.4	72.4	72.5	72.5	72.6	72.6
IV 6000	13.4	66.3	70.1	71.3	71.9	72.2	72.5	72.7	72.7	72.7	72.8	72.8	72.9	72.9	73.0	73.0
IV 5000	13.5	67.6	71.9	73.1	73.8	74.0	74.3	74.5	74.5	74.5	74.6	74.6	74.7	74.7	74.8	74.8
IV 4500	13.5	69.6	73.9	75.2	75.8	76.0	76.3	76.6	76.6	76.6	76.7	76.7	76.8	76.8	76.9	76.9
IV 4000	13.5	71.6	75.9	77.5	78.2	78.4	78.7	78.9	78.9	78.9	79.0	79.0	79.1	79.1	79.2	79.2
IV 3500	13.5	72.6	77.0	78.6	79.2	79.5	79.8	80.0	80.0	80.0	80.1	80.1	80.2	80.2	80.3	80.3
IV 3000	13.5	73.4	78.0	79.6	80.2	80.4	80.8	81.0	81.0	81.0	81.1	81.1	81.2	81.2	81.3	81.3
IV 2500	13.5	74.4	78.9	80.5	81.2	81.4	81.7	81.9	81.9	81.9	82.0	82.0	82.2	82.2	82.3	82.3
IV 2000	13.5	75.1	79.7	81.3	81.9	82.2	82.5	82.7	82.7	82.7	82.8	82.8	82.9	82.9	83.0	83.0
IV 1800	13.5	75.4	80.0	81.6	82.3	82.5	82.9	83.1	83.1	83.1	83.2	83.2	83.3	83.3	83.4	83.4
IV 1500	13.5	76.0	80.6	82.4	83.1	83.3	83.8	84.0	84.0	84.0	84.1	84.1	84.2	84.2	84.3	84.3
IV 1200	13.5	77.1	81.8	83.9	84.7	84.9	85.4	85.6	85.6	85.6	85.7	85.7	85.8	85.8	85.9	85.9
IV 1000	13.6	77.6	82.6	84.7	85.8	86.0	86.6	86.9	86.9	86.9	87.0	87.1	87.2	87.2	87.3	87.3
IV 900	13.9	78.1	83.0	85.3	86.3	86.6	87.1	87.4	87.4	87.4	87.5	87.6	87.7	87.7	87.8	87.8
IV 800	13.9	78.3	83.3	86.0	87.2	87.4	88.0	88.3	88.3	88.3	88.4	88.5	88.6	88.6	88.7	88.7
IV 700	13.9	78.4	83.5	86.6	88.0	88.2	88.8	89.1	89.1	89.1	89.2	89.4	89.5	89.5	89.6	89.6
IV 600	13.9	78.4	83.9	87.1	88.9	89.1	89.8	90.1	90.2	90.2	90.3	90.4	90.5	90.5	90.6	90.6
IV 500	13.9	78.6	84.5	88.1	90.6	91.1	91.9	92.5	92.6	92.7	92.8	92.9	93.0	93.0	93.1	93.1
IV 400	13.9	78.9	84.8	88.4	91.4	91.9	93.3	94.3	94.7	94.9	95.2	95.3	95.4	95.4	95.5	95.5
IV 300	13.9	79.0	85.1	88.6	91.9	92.5	94.0	95.3	96.0	96.6	96.9	97.0	97.2	97.2	97.4	97.4
IV 200	13.9	79.0	85.1	88.6	91.9	92.5	94.0	95.3	96.2	96.9	97.6	97.8	98.1	98.1	98.4	98.5
IV 100	13.9	79.0	85.1	88.6	91.9	92.5	94.0	95.3	96.2	96.9	97.6	97.8	98.1	98.1	98.4	98.5
IV 0	13.9	79.0	85.1	88.6	91.9	92.5	94.0	95.3	96.2	96.9	97.6	97.8	98.1	98.1	98.4	98.5

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 7-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	14.5	53.8	55.4	55.8	56.0	56.1	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 20000	15.7	60.1	61.9	62.4	62.6	62.7	62.8	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0
IV 18000	15.8	60.4	62.2	62.7	62.9	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 16000	15.8	60.5	62.3	62.8	63.0	63.4	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4
IV 14000	16.2	61.6	63.4	63.9	64.2	64.3	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6
IV 12000	16.4	62.9	64.8	65.3	65.5	65.7	65.8	65.8	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.0
IV 10000	16.9	66.2	68.7	68.8	68.9	69.0	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3
IV 9000	16.9	66.3	68.8	68.9	69.2	69.3	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6
IV 8000	17.1	68.2	70.3	70.9	71.2	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.7	71.7	71.7	71.7
IV 7000	17.2	69.2	71.3	72.0	72.3	72.4	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7
IV 6000	17.2	70.0	72.2	72.9	73.2	73.3	73.5	73.5	73.5	73.6	73.6	73.6	73.7	73.7	73.7	73.7
IV 5000	17.5	71.8	74.3	75.1	75.5	75.7	75.8	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0
IV 4500	17.5	73.3	75.9	76.8	77.2	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7
IV 4000	17.7	75.3	78.1	79.2	79.6	79.8	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.2	80.2	80.2
IV 3500	17.7	76.1	79.0	80.2	80.6	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2
IV 3000	17.8	77.6	80.7	81.9	82.4	82.6	82.8	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1
IV 2500	17.8	78.6	81.8	83.1	83.6	83.9	84.1	84.2	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4
IV 2000	18.0	79.5	82.8	84.1	84.8	85.0	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5
IV 1800	18.0	79.9	83.3	84.6	85.3	85.6	85.8	85.9	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1
IV 1500	18.0	80.5	84.0	85.5	86.2	86.5	86.7	86.9	86.9	86.9	87.0	87.0	87.0	87.1	87.1	87.1
IV 1200	18.1	81.3	84.9	86.5	87.2	87.5	87.8	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1
IV 1000	18.2	82.2	86.0	87.8	88.6	88.9	89.2	89.4	89.4	89.5	89.6	89.6	89.7	89.7	89.7	89.7
IV 900	18.2	82.6	86.5	88.4	89.3	89.6	90.0	90.1	90.1	90.2	90.3	90.3	90.4	90.4	90.4	90.4
IV 800	18.2	83.0	87.2	89.3	90.3	90.8	91.2	91.4	91.4	91.5	91.6	91.6	91.6	91.7	91.7	91.7
IV 700	18.3	83.4	87.7	90.1	91.3	92.0	92.3	92.6	92.6	92.7	92.8	92.8	92.9	92.9	92.9	92.9
IV 600	18.3	83.5	88.1	90.7	92.3	93.1	93.7	94.0	94.0	94.2	94.2	94.3	94.3	94.3	94.3	94.3
IV 500	18.3	83.7	88.4	91.3	93.4	94.4	95.2	95.7	95.8	96.0	96.1	96.1	96.2	96.2	96.2	96.2
IV 400	18.3	83.8	88.5	91.5	93.8	95.0	96.1	97.0	97.2	97.5	97.6	97.7	97.8	97.8	97.8	97.8
IV 300	18.3	83.8	88.5	91.6	93.9	95.2	96.4	97.4	97.8	98.1	98.4	98.5	98.7	98.7	98.7	98.7
IV 200	18.3	83.8	88.5	91.6	93.9	95.2	96.5	97.5	97.9	98.3	98.7	98.9	99.2	99.2	99.3	99.4
IV 100	18.3	83.8	88.5	91.8	93.9	95.2	96.5	97.5	97.9	98.4	98.8	98.9	99.3	99.4	99.7	99.8
IV 0	18.3	83.8	88.5	91.6	93.9	95.2	96.5	97.5	97.9	98.4	98.8	98.9	99.3	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7880

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

APP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	12.9 13.0	52.4 56.1	55.9 59.6	57.3 61.9	57.6 61.9	57.8 62.2	57.9 62.4	58.0 62.7	58.1 62.8	58.1 62.8	58.1 62.8	58.1 62.8	58.1 62.8	58.1 62.8	58.2 62.9	58.2 62.9
IV 18000 IV 16000	13.0 13.0	56.8 56.8	60.2 60.2	62.1 62.2	62.7 62.8	63.0 63.1	63.3 63.4	63.6 63.6	63.6 63.7	63.6 63.7	63.6 63.7	63.6 63.7	63.6 63.7	63.6 63.7	63.7 63.8	63.7 63.8
IV 14000 IV 12000	13.1 13.1	58.1 59.1	61.7 62.8	63.8 64.9	64.3 65.4	64.7 65.8	65.0 66.1	65.1 66.2	65.2 66.3	65.2 66.3	65.2 66.3	65.2 66.3	65.2 66.3	65.2 66.3	65.3 66.4	65.3 66.4
IV 10000 IV 9000	13.2 13.2	62.4 62.7	66.3 66.6	68.6 68.8	69.1 69.3	69.6 69.8	69.9 70.2	70.1 70.4	70.2 70.6	70.2 70.7	70.2 70.7	70.2 70.7	70.2 70.7	70.2 70.7	70.3 70.8	70.3 70.8
IV 8000 IV 7000	13.6 13.7	65.3 66.7	69.4 70.9	71.7 73.3	72.3 74.0	72.8 74.4	73.2 74.9	73.4 75.1	73.6 75.2	73.7 75.3	73.7 75.3	73.7 75.3	73.7 75.3	73.7 75.3	73.8 75.4	73.8 75.4
IV 6000 IV 5000	13.9 14.1	67.7 68.8	72.1 73.1	74.6 75.9	75.3 76.9	75.9 77.7	76.3 78.2	76.7 78.6	76.9 78.8	77.0 78.9	77.0 78.9	77.0 78.9	77.0 78.9	77.0 78.9	77.1 79.0	77.1 79.0
IV 4500 IV 4000	14.1 14.2	69.0 70.6	73.6 75.2	76.4 78.1	77.4 79.1	78.2 79.9	78.8 80.4	79.1 80.8	79.3 81.0	79.4 81.1	79.4 81.1	79.4 81.1	79.4 81.1	79.4 81.1	79.6 81.2	79.6 81.2
IV 3500 IV 3000	14.2 14.2	71.1 71.9	75.8 76.8	78.8 79.8	79.9 80.9	80.7 81.7	81.2 82.2	81.6 82.6	81.8 82.8	81.9 82.9	81.9 82.9	81.9 82.9	81.9 82.9	81.9 82.9	82.0 83.0	82.0 83.0
IV 2500 IV 2000	14.3 14.3	72.9 73.6	77.8 78.9	80.8 82.0	81.9 83.2	82.7 84.0	83.2 84.7	83.6 85.0	83.8 85.2	83.9 85.3	83.9 85.3	83.9 85.3	83.9 85.3	83.9 85.3	84.0 85.4	84.0 85.4
IV 1800 IV 1500	14.3 14.3	74.0 75.7	79.3 81.2	82.4 84.3	83.7 85.6	84.4 86.3	85.1 87.0	85.4 87.3	85.7 87.6	85.8 87.7	85.8 87.7	85.8 87.7	85.8 87.7	85.8 87.7	85.9 87.8	85.9 87.8
IV 1200 IV 1000	14.6 14.6	76.6 77.1	82.4 83.3	85.6 86.3	86.9 87.8	87.7 88.6	88.3 89.2	88.7 89.6	88.9 89.8	89.0 89.9	89.0 89.9	89.0 89.9	89.0 89.9	89.0 89.9	89.1 90.0	89.1 90.0
IV 900 IV 800	14.6 14.6	78.1 78.4	84.6 85.2	87.8 88.4	89.6 90.3	90.3 91.2	91.0 92.2	91.3 92.6	91.6 92.8	91.7 93.0	91.7 93.0	91.7 93.0	91.7 93.0	91.7 93.0	91.8 93.1	91.8 93.1
IV 700 IV 600	14.6 14.6	78.8 79.2	85.6 86.0	88.9 89.7	90.8 91.8	91.9 93.1	93.1 94.3	93.4 94.7	93.7 94.9	94.0 95.3	94.0 95.3	94.0 95.3	94.0 95.3	94.0 95.3	94.1 95.4	94.1 95.4
IV 500 IV 400	14.6 14.6	79.2 79.2	86.0 86.1	89.9 90.2	92.2 93.0	93.9 94.7	95.2 96.3	95.7 97.0	96.0 97.6	96.6 98.2	96.6 98.3	96.6 98.3	96.6 98.3	96.6 98.4	96.7 98.6	96.7 98.6
IV 300 IV 200	14.6 14.6	79.2 79.2	86.1 86.1	90.2 90.2	93.0 93.0	94.8 94.8	96.4 96.4	97.3 97.3	98.0 98.0	98.7 98.7	99.1 99.1	99.1 99.1	99.1 99.1	99.2 99.2	99.3 99.3	99.3 99.3
IV 100 IV 0	14.6 14.6	79.2 79.2	86.1 86.1	90.2 90.2	93.0 93.0	94.8 94.8	96.4 96.4	97.3 97.3	98.1 98.1	98.8 98.8	99.2 99.2	99.2 99.2	99.2 99.2	99.3 99.3	99.6 99.6	99.7 99.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS - LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥4	≥0
NO CEILING	17.1	58.4	59.6	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	17.4	64.7	66.0	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 18000	17.4	65.1	66.4	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 16000	17.4	65.1	66.4	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 14000	17.4	66.3	67.7	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 12000	17.4	67.9	69.4	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 10000	17.9	70.2	71.8	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 9000	17.9	70.9	72.4	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 8000	18.4	73.9	75.4	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 7000	18.4	74.8	76.4	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 6000	18.9	76.3	78.1	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 5000	18.9	77.0	78.8	79.4	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 4500	19.1	77.4	79.2	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 4000	19.1	78.6	80.3	81.1	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 3500	19.1	79.7	81.4	82.3	82.6	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 3000	19.2	81.8	83.9	84.8	85.0	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 2500	19.2	82.9	85.2	86.2	86.6	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 2000	19.2	84.1	86.8	87.8	88.1	88.4	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 1800	19.2	85.1	87.9	88.9	89.2	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 1500	19.4	87.1	90.0	91.3	91.7	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 1200	19.6	88.2	91.3	92.9	93.3	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1000	19.6	89.6	92.8	94.4	95.1	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 900	19.6	89.7	92.9	94.6	95.2	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 800	19.6	90.0	93.2	94.9	95.7	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 700	19.6	90.2	93.4	95.1	96.2	97.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 600	19.6	90.2	93.8	95.6	97.0	98.0	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 500	19.6	90.2	93.9	95.8	97.4	98.4	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	19.6	90.2	93.9	95.8	97.4	98.6	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	19.6	90.2	93.9	95.8	97.4	98.6	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	19.6	90.2	93.9	95.8	97.4	98.6	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	19.6	90.2	93.9	95.8	97.4	98.6	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	19.6	90.2	93.9	95.8	97.4	98.6	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION 23030 POPE AFB NC STATION NAME 74-83 YEARS APP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	17.4	57.4	58.0	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 18000	18.4	65.9	66.9	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 16000	18.4	65.9	66.9	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 14000	18.4	67.2	68.2	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 12000	18.4	69.4	70.6	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 10000	19.3	72.3	73.4	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 9000	19.3	72.6	73.7	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 8000	19.7	74.3	75.3	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 7000	19.7	75.1	76.2	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 6000	20.0	76.9	78.0	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 5000	20.3	78.6	79.9	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 4500	20.3	79.7	81.0	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 4000	20.9	82.8	84.2	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 3500	21.2	85.3	86.8	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 3000	21.4	89.1	90.9	91.8	91.9	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 2500	21.4	90.2	92.0	92.9	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 2000	21.6	91.6	93.4	94.3	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1800	21.6	92.0	93.9	94.9	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 1500	21.6	93.4	95.3	96.4	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1200	21.8	93.8	95.7	97.0	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1000	21.8	94.0	96.0	97.6	98.0	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 900	21.8	94.0	96.0	97.6	98.1	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 800	21.8	94.0	96.0	97.6	98.1	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 700	21.8	94.0	96.0	97.7	98.3	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 600	21.8	94.0	96.0	97.7	98.3	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	21.8	94.2	96.2	98.0	98.8	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	21.8	94.2	96.2	98.0	98.8	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	21.8	94.2	96.2	98.0	98.8	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	21.8	94.2	96.2	98.0	98.8	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	21.8	94.2	96.2	98.0	98.8	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	21.8	94.2	96.2	98.0	98.8	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 800

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	18.0	54.8	55.7	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 20000	19.0	64.9	65.9	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000	19.0	65.8	66.8	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 16000	19.1	66.0	67.0	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 14000	19.3	67.8	68.8	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 12000	19.6	69.9	70.9	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 10000	20.0	72.1	73.1	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 9000	20.0	72.6	73.6	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 8000	20.2	74.9	75.9	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 7000	20.2	75.8	76.8	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 6000	20.7	77.0	78.0	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 5000	20.8	79.8	80.9	81.8	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 4500	20.8	81.2	82.3	83.2	83.4	83.4	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 4000	21.6	85.3	86.3	87.2	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 3500	21.7	88.3	89.8	90.7	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 3000	21.8	90.9	92.6	93.7	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 2500	21.8	91.7	93.4	94.6	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 2000	21.9	92.1	93.9	95.2	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1800	21.9	92.2	94.0	95.3	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1700	21.9	92.6	94.3	95.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1600	21.9	92.7	94.6	96.2	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1500	21.9	93.0	95.0	96.7	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1400	21.9	93.0	95.0	96.7	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1300	21.9	93.0	95.0	96.7	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1200	21.9	93.0	95.0	96.7	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1100	21.9	93.0	95.0	96.7	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1000	21.9	93.0	95.0	96.7	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 900	21.9	93.0	95.0	96.7	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 800	21.9	93.0	95.0	96.7	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 700	21.9	93.0	95.0	96.7	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 600	21.9	93.0	95.0	96.7	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 500	21.9	93.0	95.0	96.7	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 400	21.9	93.0	95.0	96.7	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 300	21.9	93.0	95.0	96.7	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 200	21.9	93.0	95.0	96.7	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 100	21.9	93.0	95.0	96.7	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 0	21.9	93.0	95.0	96.7	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030 POPE AFB NC

74-83

APP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	16.3	60.2	60.4	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 20000	17.7	69.2	69.8	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 18000	17.8	69.8	70.3	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 16000	17.8	70.8	70.6	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 14000	17.9	71.1	71.7	72.9	72.2	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 12000	18.3	79.8	75.3	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 10000	18.6	77.7	78.2	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 9000	18.6	78.6	78.6	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 8000	18.7	81.4	82.2	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 7000	18.7	82.9	83.8	84.2	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 6000	18.7	83.2	83.8	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 5000	18.7	85.9	87.0	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 4500	18.7	86.6	87.8	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 4000	19.0	88.7	89.9	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 3500	19.0	88.7	90.3	91.8	91.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 3000	19.3	89.9	91.2	92.0	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 2500	19.3	90.1	92.2	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 2000	19.3	90.7	92.8	93.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1800	19.4	90.8	92.8	94.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 1500	19.4	91.7	93.2	95.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 1200	19.4	93.4	93.8	94.8	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1000	19.4	93.6	93.8	95.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 900	19.4	93.8	93.8	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 800	19.4	93.8	93.8	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 700	19.4	93.8	93.8	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 600	19.4	93.8	93.8	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 500	19.4	93.8	93.8	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 400	19.4	93.8	93.8	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 300	19.4	93.8	93.8	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 200	19.4	93.8	93.8	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 100	19.4	93.8	93.8	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 0	19.4	93.8	93.8	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0

TOTAL NUMBER OF OBSERVATIONS 980

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5-16	≥ ¼	≥ 0
NO CEILING	14.8	66.4	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 20000	15.2	72.9	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV N 18000	15.2	72.0	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV N 16000	15.2	72.1	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV N 14000	15.3	73.1	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV N 12000	15.4	74.3	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV N 10000	15.8	77.7	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV N 9000	15.8	78.4	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV N 8000	15.8	80.3	81.1	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV N 7000	15.8	80.8	81.6	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV N 6000	15.9	81.2	82.0	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV N 5000	16.0	84.6	85.4	85.9	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV N 4500	16.0	85.1	86.0	86.4	86.9	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV N 4000	16.0	86.3	87.2	87.9	88.3	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV N 3500	16.0	87.2	88.2	88.9	89.4	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV N 3000	16.0	87.8	88.8	89.4	90.0	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV N 2500	16.0	88.1	89.3	90.0	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV N 2000	16.1	89.3	90.7	91.4	92.2	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV N 1800	16.3	89.8	91.1	92.0	92.8	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV N 1500	16.3	90.1	91.4	92.3	93.2	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV N 1200	16.3	90.6	92.1	93.1	94.1	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV N 1000	16.3	91.0	92.6	93.7	94.8	95.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV N 900	16.3	91.1	92.7	93.8	95.0	95.6	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV N 800	16.3	91.1	92.8	94.0	95.2	95.8	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV N 700	16.3	91.2	92.9	94.3	95.7	96.2	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV N 600	16.3	91.6	93.2	94.8	96.2	96.8	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV N 500	16.3	91.6	93.2	95.1	96.8	97.4	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV N 400	16.3	91.8	93.4	95.6	97.6	98.4	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV N 300	16.3	91.6	93.4	95.6	97.7	98.6	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV N 200	16.3	91.6	93.4	95.6	97.7	98.6	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV N 100	16.3	91.6	93.4	95.6	97.7	98.6	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV N 0	16.3	91.6	93.4	95.6	97.7	98.6	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030 POPE AFB NC

78-83

APP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥ 3/4	≥ 1/2	≥ 1/3	≥ 1/4	≥ 1/5	≥0
NO CEILING	13.7	64.3	65.4	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 20000	14.4	69.7	70.8	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 18000	14.7	69.7	71.1	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 16000	14.7	69.7	71.1	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 14000	14.7	78.3	71.8	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 12000	14.9	72.0	73.4	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 10000	15.1	75.3	77.0	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 9000	15.1	76.0	77.7	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 8000	15.6	77.7	79.6	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 7000	15.6	78.3	80.2	81.1	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 6000	15.8	79.4	81.3	82.2	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 5000	15.8	81.8	83.8	84.7	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4500	15.8	82.8	84.8	85.8	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4000	15.8	84.2	86.2	87.2	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3500	15.8	84.9	86.9	87.9	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3000	15.8	85.3	87.3	88.3	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2500	15.8	85.4	87.4	88.4	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2000	15.8	85.9	87.9	89.1	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1800	15.8	86.1	88.1	89.3	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1500	15.8	87.3	89.6	91.1	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1200	15.8	88.6	90.8	92.7	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	15.8	88.9	91.1	93.0	94.0	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900	15.8	89.1	91.3	93.2	94.2	94.4	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	15.8	89.2	91.6	93.7	94.7	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 700	15.8	89.2	91.6	93.7	94.7	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 600	15.8	89.3	91.8	93.9	95.1	95.4	95.4	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	15.8	89.3	91.9	94.1	95.9	96.2	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 400	15.8	89.3	92.0	94.3	96.7	97.1	97.6	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	15.8	89.3	92.8	94.3	96.7	97.1	97.8	98.4	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1
≥ 200	15.8	89.3	92.8	94.3	96.7	97.1	97.8	98.4	98.8	99.1	99.4	99.4	99.7	99.7	99.7	99.7
≥ 100	15.8	89.3	92.8	94.3	96.7	97.1	97.8	98.4	98.8	99.1	99.4	99.4	99.7	99.7	99.7	99.7
≥ 0	15.8	89.3	92.8	94.3	96.7	97.1	97.8	98.4	98.8	99.1	99.4	99.4	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030
STATION

POPE AFB NC

STATION NAME

74-83

YEARS

APR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	13.0	60.6	61.4	62.3	62.8	62.9	63.0	63.1	63.1	63.4	63.4	63.4	63.4	63.4	63.6	63.6
≥ 20000	13.2	64.9	66.0	67.2	67.9	68.1	68.2	68.3	68.3	68.7	68.7	68.7	68.7	68.7	68.8	68.8
≥ 18000	13.2	65.1	66.2	67.4	68.1	68.3	68.4	68.6	68.6	68.9	68.9	68.9	68.9	68.9	69.0	69.0
≥ 16000	13.2	65.1	66.2	67.4	68.1	68.3	68.4	68.6	68.6	68.9	68.9	68.9	68.9	68.9	69.0	69.0
≥ 14000	13.2	65.8	67.0	68.2	69.0	69.2	69.3	69.4	69.4	69.8	69.8	69.8	69.8	69.8	69.9	69.9
≥ 12000	13.2	66.8	68.1	69.3	70.1	70.3	70.4	70.6	70.6	70.9	70.9	70.9	70.9	70.9	71.0	71.0
≥ 10000	13.2	70.7	72.1	73.4	74.2	74.6	74.7	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.2	75.2
≥ 9000	13.2	70.9	72.3	73.7	74.4	74.8	74.9	75.0	75.0	75.3	75.3	75.3	75.3	75.3	75.4	75.4
≥ 8000	13.3	72.6	74.1	75.4	76.2	76.7	77.0	77.1	77.1	77.4	77.4	77.4	77.4	77.4	77.6	77.6
≥ 7000	13.4	73.9	75.4	76.8	77.7	78.1	78.4	78.6	78.6	78.9	78.9	78.9	78.9	78.9	79.0	79.0
≥ 6000	13.6	75.6	77.1	78.4	79.3	79.8	80.1	80.2	80.2	80.6	80.6	80.6	80.6	80.6	80.7	80.7
≥ 5000	13.9	76.9	78.6	80.0	81.0	81.4	81.8	81.9	82.0	82.3	82.3	82.3	82.3	82.3	82.4	82.4
≥ 4500	13.9	77.4	79.1	80.6	81.6	82.1	82.4	82.6	82.8	83.1	83.1	83.1	83.1	83.1	83.2	83.2
≥ 4000	13.9	78.7	80.3	81.8	82.8	83.3	83.7	83.8	84.0	84.3	84.3	84.3	84.3	84.3	84.4	84.4
≥ 3500	13.9	79.6	81.2	82.7	83.9	84.4	84.8	84.9	85.1	85.4	85.4	85.4	85.4	85.4	85.6	85.6
≥ 3000	13.9	80.0	81.7	83.1	84.4	85.1	85.6	85.7	85.9	86.2	86.2	86.2	86.2	86.2	86.3	86.3
≥ 2500	13.9	80.4	82.1	83.6	84.9	85.6	86.1	86.2	86.4	86.8	86.8	86.8	86.8	86.8	86.9	86.9
≥ 2000	13.9	82.0	83.7	85.1	86.4	87.1	87.7	87.8	88.0	88.3	88.3	88.3	88.3	88.3	88.4	88.4
≥ 1800	13.9	83.1	84.8	86.2	87.6	88.2	88.8	88.9	89.1	89.4	89.4	89.4	89.4	89.4	89.6	89.6
≥ 1500	13.9	83.8	85.6	87.1	88.6	89.3	90.0	90.1	90.3	90.7	90.7	90.7	90.7	90.7	90.8	90.8
≥ 1200	13.9	84.7	86.4	88.0	89.7	90.4	91.1	91.2	91.4	91.6	91.8	91.8	91.8	91.8	91.9	91.9
≥ 1000	13.9	85.6	87.6	89.2	90.9	91.8	92.4	92.6	92.8	93.1	93.1	93.1	93.1	93.1	93.2	93.2
≥ 900	14.0	86.2	88.3	90.0	91.7	92.7	93.4	93.6	93.8	94.1	94.1	94.1	94.1	94.1	94.2	94.2
≥ 800	14.0	86.7	88.8	90.7	92.4	93.4	94.3	94.4	94.7	95.0	95.0	95.0	95.0	95.0	95.1	95.1
≥ 700	14.0	86.7	88.9	90.8	92.8	93.8	94.8	94.9	95.1	95.4	95.4	95.4	95.4	95.4	95.6	95.6
≥ 600	14.0	87.0	89.2	91.4	93.6	94.6	95.8	95.9	96.1	96.4	96.4	96.4	96.4	96.4	96.6	96.6
≥ 500	14.0	87.0	89.3	91.6	94.2	95.2	96.6	96.7	96.9	97.2	97.2	97.2	97.2	97.2	97.3	97.3
≥ 400	14.0	87.0	89.4	91.8	94.4	95.6	97.0	97.3	97.6	97.9	97.9	97.9	97.9	97.9	98.0	98.0
≥ 300	14.0	87.0	89.4	91.9	94.6	95.7	97.2	97.8	98.4	98.8	98.8	98.8	98.8	98.8	98.9	98.9
≥ 200	14.0	87.0	89.4	91.9	94.6	95.7	97.2	97.8	98.7	99.1	99.1	99.1	99.1	99.3	99.4	99.4
≥ 100	14.0	87.0	89.4	91.9	94.6	95.7	97.3	97.9	98.8	99.2	99.3	99.3	99.3	99.6	99.9	100.0
≥ 0	14.0	87.0	89.6	91.9	94.6	95.7	97.3	97.9	98.8	99.2	99.3	99.3	99.3	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

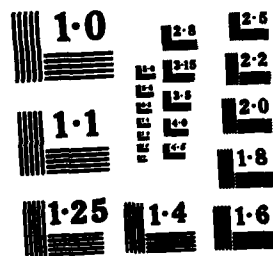
POPE AIR FAFETTEVILLE NORTH CAROLINA REVISED UNIFORM
SUMMARY OF SURFACE W (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOT A JUN 84
UNCLASS ON RA 020 SRI AD ERSD 252 166 420

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	15.4	59.3	60.4	61.0	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	16.1	65.8	67.2	67.8	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 18000	16.1	66.3	67.6	68.3	68.6	68.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 16000	16.1	66.3	67.7	68.4	68.7	68.7	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 14000	16.2	67.5	68.8	69.6	69.9	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 12000	16.3	69.3	70.7	71.4	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0
IV 10000	16.6	72.3	73.8	74.6	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2
IV 9000	16.6	72.8	74.3	75.1	75.3	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7
IV 8000	16.9	75.0	76.6	77.5	77.8	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 7000	16.9	76.0	77.6	78.6	78.9	79.0	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 6000	17.2	77.2	78.8	79.7	80.1	80.3	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 5000	17.3	79.1	80.9	82.0	82.4	82.6	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 4500	17.3	79.9	81.7	82.8	83.3	83.5	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 4000	17.6	81.8	83.7	84.8	85.3	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9
IV 3500	17.6	83.1	85.1	86.2	86.8	87.0	87.1	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 3000	17.7	84.5	86.6	87.8	88.4	88.7	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 2500	17.7	85.3	87.4	88.7	89.3	89.6	89.7	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 2000	17.8	86.2	88.5	89.9	90.6	90.8	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1800	17.8	86.6	89.0	90.4	91.1	91.4	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1500	17.9	87.6	90.1	91.6	92.4	92.7	92.9	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 1200	17.9	88.3	90.9	92.5	93.4	93.8	94.0	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 1000	17.9	88.8	91.5	93.3	94.3	94.6	94.9	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 900	17.9	89.1	91.8	93.6	94.7	95.1	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 800	17.9	89.3	92.1	94.0	95.1	95.6	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 700	17.9	89.4	92.3	94.2	95.5	96.0	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9
IV 600	17.9	89.6	92.5	94.6	96.0	96.7	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.7
IV 500	17.9	89.7	92.7	94.9	96.5	97.2	97.9	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5
IV 400	17.9	89.7	92.8	95.0	96.9	97.7	98.5	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3
IV 300	17.9	89.7	92.8	95.1	97.0	97.8	98.6	99.1	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	17.9	89.7	92.8	95.1	97.0	97.8	98.6	99.1	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	17.9	89.7	92.8	95.1	97.0	97.8	98.6	99.1	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6
0	17.9	89.7	92.8	95.1	97.0	97.8	98.6	99.1	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 7280

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS - LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	3.0	36.1	43.8	47.5	48.7	49.4	49.6	49.6	49.6	49.7	49.8	49.8	49.9	49.9	50.0	50.0
≥ 20000	3.0	38.4	46.8	51.3	53.1	54.0	54.3	54.4	54.4	54.5	54.8	54.8	54.9	54.9	55.1	55.1
≥ 18000	3.0	39.2	47.7	52.3	54.1	54.9	55.3	55.4	55.4	55.5	55.8	55.8	55.9	55.9	56.0	56.0
≥ 16000	3.0	39.5	48.0	52.5	54.4	55.3	55.6	55.7	55.7	55.8	56.1	56.1	56.2	56.2	56.3	56.3
≥ 14000	3.0	39.7	48.3	52.8	54.9	55.9	56.2	56.3	56.3	56.5	56.8	56.8	56.9	56.9	57.0	57.0
≥ 12000	3.0	41.1	49.8	54.4	56.6	57.5	57.8	58.0	58.0	58.1	58.4	58.4	58.5	58.5	58.6	58.6
≥ 10000	3.1	43.8	53.3	58.8	61.0	61.9	62.5	62.6	62.6	62.7	63.0	63.0	63.1	63.1	63.2	63.2
≥ 9000	3.1	43.8	53.3	58.8	61.0	61.9	62.5	62.6	62.6	62.7	63.0	63.0	63.1	63.1	63.2	63.2
≥ 8000	3.2	47.5	58.4	64.1	66.5	67.5	68.1	68.3	68.3	68.5	68.8	68.8	69.0	69.0	69.1	69.2
≥ 7000	3.2	48.1	58.9	64.6	67.0	68.1	68.6	68.8	68.8	69.0	69.4	69.4	69.6	69.6	69.7	69.8
≥ 6000	3.2	48.5	59.6	65.4	67.8	68.9	69.5	69.7	69.7	69.9	70.2	70.2	70.4	70.4	70.5	70.6
≥ 5000	3.2	48.7	60.1	66.1	68.8	69.9	70.4	70.6	70.6	70.9	71.2	71.2	71.4	71.4	71.5	71.6
≥ 4500	3.2	49.0	60.4	66.7	69.5	70.5	71.1	71.3	71.3	71.5	71.8	71.8	72.0	72.0	72.2	72.3
≥ 4000	3.2	50.5	62.2	68.9	71.8	72.9	73.4	73.7	73.7	73.9	74.2	74.2	74.4	74.4	74.5	74.6
≥ 3500	3.2	50.9	62.7	69.6	72.6	73.7	74.2	74.4	74.4	74.6	74.9	74.9	75.2	75.2	75.3	75.4
≥ 3000	3.2	51.7	63.5	70.9	74.0	75.3	75.8	76.1	76.1	76.3	76.7	76.7	76.9	76.9	77.0	77.1
≥ 2500	3.2	52.2	64.2	71.7	74.8	76.1	76.7	77.0	77.0	77.2	77.5	77.5	77.7	77.7	77.8	78.0
≥ 2000	3.2	53.4	65.8	73.4	76.9	78.3	78.8	79.1	79.1	79.4	79.7	79.7	79.9	79.9	80.0	80.1
≥ 1800	3.3	53.5	65.9	73.7	77.2	78.6	79.1	79.5	79.5	79.7	80.0	80.0	80.2	80.2	80.3	80.4
≥ 1500	3.3	54.5	67.4	75.4	79.0	80.4	81.1	81.4	81.4	81.6	81.9	81.9	82.2	82.2	82.3	82.4
≥ 1200	3.3	55.2	68.3	76.7	80.5	81.9	82.6	83.0	83.0	83.2	83.5	83.5	83.8	83.8	83.9	84.0
≥ 1000	3.3	56.2	69.8	78.8	83.0	84.4	85.1	85.6	85.6	85.8	86.1	86.1	86.3	86.5	86.6	86.7
≥ 900	3.3	56.7	70.4	79.7	84.0	85.4	86.0	86.6	86.6	86.8	87.1	87.1	87.3	87.4	87.5	87.6
≥ 800	3.3	57.4	71.5	81.3	86.0	87.4	88.1	88.6	88.6	88.8	89.1	89.1	89.4	89.5	89.6	89.7
≥ 700	3.3	57.6	71.8	82.0	87.0	89.0	89.7	90.2	90.2	90.4	90.8	90.8	91.0	91.1	91.2	91.3
≥ 600	3.3	57.8	72.0	82.4	87.4	89.6	90.2	90.8	90.8	91.0	91.3	91.3	91.5	91.6	91.7	91.8
≥ 500	3.3	58.2	72.6	83.2	89.2	92.0	92.8	93.7	93.7	94.0	94.3	94.3	94.5	94.6	94.7	94.8
≥ 400	3.3	58.2	72.7	83.4	89.8	93.1	94.3	95.6	95.7	96.5	96.8	96.9	97.1	97.2	97.3	97.5
≥ 300	3.3	58.3	72.7	83.4	89.8	93.2	94.6	95.9	96.1	97.1	97.4	97.5	98.2	98.3	98.4	98.6
≥ 200	3.3	58.2	72.7	83.4	89.8	93.2	94.6	96.0	96.5	97.3	98.1	98.2	99.0	99.1	99.2	99.6
≥ 100	3.3	58.2	72.7	83.4	89.8	93.2	94.6	96.0	96.5	97.6	98.2	98.3	99.2	99.5	99.7	100.0
≥ 0	3.3	58.2	72.7	83.4	89.8	93.2	94.6	96.0	96.5	97.6	98.2	98.3	99.2	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030 POPE AFB NC

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS - LT

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	4.5	45.9	50.2	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 20000	4.7	52.9	57.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 18000	4.7	52.9	57.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 16000	4.7	52.9	57.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 14000	4.9	53.4	58.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IV 12000	5.2	55.7	60.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 10000	5.3	60.5	65.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 9000	5.3	60.5	65.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 8000	5.3	65.3	71.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 7000	5.3	65.6	71.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 6000	5.3	66.7	72.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 5000	5.3	68.2	74.4	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 4500	5.4	68.4	74.6	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 4000	5.4	69.5	75.9	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 3500	5.4	70.5	77.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 3000	5.6	73.7	81.0	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 2500	5.6	75.1	82.6	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 2000	5.9	77.5	85.3	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 1800	6.0	78.0	85.8	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 1500	6.2	79.4	87.4	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 1200	6.2	80.5	88.9	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1000	6.3	81.7	90.5	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 900	6.3	81.9	90.5	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 800	6.3	81.9	90.5	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 700	6.3	82.0	91.0	95.8	97.0	97.2	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 600	6.3	82.2	91.2	96.2	97.3	97.6	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	6.3	82.2	91.3	96.2	97.6	98.0	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 400	6.3	82.2	91.3	96.2	97.6	98.1	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 300	6.3	82.2	91.3	96.2	97.6	98.1	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 200	6.3	82.2	91.3	96.2	97.6	98.1	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 100	6.3	82.2	91.3	96.2	97.6	98.1	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 0	6.3	82.2	91.3	96.2	97.6	98.1	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5-16	≥ ¼	≥ 0
NO CEILING ≥ 20000	7.1 7.7	47.0 55.5	49.5 58.5	50.0 59.1	50.0 59.1	50.0 59.1	50.0 59.1	50.0 59.1	50.0 59.1	50.0 59.1	50.0 59.1	50.0 59.1	50.0 59.1	50.0 59.1	50.0 59.1	50.0 59.1
≥ 18000 ≥ 16000	7.7 7.7	56.2 56.2	59.2 59.2	60.0 60.0	60.0 60.0	60.0 60.0	60.0 60.0	60.0 60.0	60.0 60.0	60.0 60.0	60.0 60.0	60.0 60.0	60.0 60.0	60.0 60.0	60.0 60.0	60.0 60.0
≥ 14000 ≥ 12000	8.0 8.0	57.3 60.1	60.4 63.2	61.2 64.0	61.2 64.0	61.2 64.0	61.2 64.0	61.2 64.0	61.2 64.0	61.2 64.0	61.2 64.0	61.2 64.0	61.2 64.0	61.2 64.0	61.2 64.0	61.2 64.0
≥ 10000 ≥ 9000	8.3 8.3	63.8 64.2	67.1 67.6	67.8 68.4	67.8 68.4	67.8 68.4	67.8 68.4	67.8 68.4	67.8 68.4	67.8 68.4	67.8 68.4	67.8 68.4	67.8 68.4	67.8 68.4	67.8 68.4	67.8 68.4
≥ 8000 ≥ 7000	8.5 8.6	68.8 70.3	72.6 74.1	73.3 74.8	73.3 74.8	73.3 74.8	73.3 74.8	73.3 74.8	73.3 74.8	73.3 74.8	73.3 74.8	73.3 74.8	73.3 74.8	73.3 74.8	73.3 74.8	73.3 74.8
≥ 6000 ≥ 5000	8.6 8.7	71.0 73.7	74.7 77.7	75.6 78.9	75.6 79.0	75.6 79.1	75.6 79.1	75.6 79.1	75.6 79.1	75.6 79.1	75.6 79.1	75.6 79.1	75.6 79.1	75.6 79.1	75.6 79.1	75.6 79.1
≥ 4500 ≥ 4000	8.7 8.9	74.2 76.5	78.5 83.1	79.9 84.8	80.0 84.9	80.1 85.1	80.1 85.1	80.1 85.1	80.1 85.1	80.1 85.1	80.1 85.1	80.1 85.1	80.1 85.1	80.1 85.1	80.1 85.1	80.1 85.1
≥ 3500 ≥ 3000	9.0 9.4	81.7 87.1	86.5 92.0	88.3 94.2	88.4 94.4	88.5 94.5	88.5 94.5	88.5 94.5	88.5 94.5	88.5 94.5	88.5 94.5	88.5 94.5	88.5 94.5	88.5 94.5	88.5 94.5	88.5 94.5
≥ 2500 ≥ 2000	9.4 9.5	87.8 88.2	92.8 93.3	94.9 95.6	95.2 95.8	95.3 95.9	95.3 95.9	95.3 95.9	95.3 95.9	95.4 96.0	95.4 96.0	95.4 96.0	95.4 96.0	95.4 96.0	95.4 96.0	95.4 96.0
≥ 1800 ≥ 1500	9.5 9.6	88.2 88.8	93.3 94.0	95.6 96.2	95.8 96.5	95.9 96.6	95.9 96.6	95.9 96.6	95.9 96.6	96.0 96.6	96.0 96.6	96.0 96.6	96.0 96.6	96.0 96.6	96.0 96.6	96.0 96.6
≥ 1200 ≥ 1000	9.6 9.6	88.8 89.4	94.1 94.6	96.5 97.4	96.7 97.6	96.8 97.7	96.9 97.8	96.9 97.8	96.9 97.8	97.0 98.0	97.0 98.0	97.0 98.0	97.1 98.1	97.1 98.1	97.1 98.1	97.1 98.1
≥ 900 ≥ 800	9.6 9.6	89.4 89.4	94.7 94.7	97.7 98.3	98.0 98.5	98.1 98.6	98.2 98.7	98.2 98.7	98.2 98.7	98.3 98.8	98.3 98.8	98.3 98.8	98.4 98.9	98.4 98.9	98.4 98.9	98.4 98.9
≥ 700 ≥ 600	9.6 9.6	89.4 89.4	94.8 94.8	98.3 98.6	98.8 99.0	98.9 99.1	99.0 99.2	99.0 99.2	99.0 99.2	99.1 99.4	99.1 99.4	99.1 99.4	99.2 99.5	99.2 99.5	99.2 99.5	99.2 99.5
≥ 500 ≥ 400	9.6 9.6	89.4 89.4	94.8 94.8	98.7 98.7	99.2 99.2	99.4 99.5	99.6 99.7	99.6 99.7	99.6 99.7	99.7 99.8	99.7 99.8	99.7 99.8	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9
≥ 300 ≥ 200	9.6 9.6	89.4 89.4	94.8 94.8	98.7 98.7	99.2 99.2	99.5 99.5	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0
≥ 100 ≥ 0	9.6 9.6	89.4 89.4	94.8 94.8	98.7 98.7	99.2 99.2	99.5 99.5	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 6-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	7.1	47.0	48.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 18000	8.1	60.0	62.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV ≥ 16000	8.1	61.0	63.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV ≥ 14000	8.3	62.0	64.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV ≥ 12000	8.5	64.9	67.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV ≥ 10000	8.7	68.2	71.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV ≥ 9000	8.7	68.4	71.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV ≥ 8000	9.1	73.8	77.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV ≥ 7000	9.2	75.3	78.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV ≥ 6000	9.4	76.0	79.6	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV ≥ 5000	9.4	78.3	81.8	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV ≥ 4500	9.4	79.9	83.7	85.0	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV ≥ 4000	9.4	84.8	88.7	90.1	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV ≥ 3500	9.4	86.1	90.0	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV ≥ 3000	9.4	88.5	92.8	94.4	95.7	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV ≥ 2500	9.4	88.8	93.1	94.9	95.4	95.5	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV ≥ 2000	9.4	89.4	94.0	95.8	96.2	96.3	96.3	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV ≥ 1800	9.4	89.8	94.3	96.1	96.7	96.8	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV ≥ 1500	9.4	90.1	94.8	96.7	97.2	97.3	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV ≥ 1200	9.4	90.2	94.9	96.8	97.3	97.4	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV ≥ 1000	9.4	90.4	95.3	97.1	97.6	97.7	97.8	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV ≥ 900	9.4	90.4	95.3	97.1	97.6	97.7	97.8	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
IV ≥ 800	9.4	90.5	95.4	97.4	98.0	98.1	98.2	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
IV ≥ 700	9.4	90.6	95.6	97.6	98.2	98.3	98.4	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
IV ≥ 600	9.4	90.8	95.7	97.7	98.5	98.7	98.9	99.2	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5
IV ≥ 500	9.4	90.9	95.9	98.2	98.9	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV ≥ 400	9.4	90.9	95.9	98.2	98.9	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV ≥ 300	9.4	91.0	96.0	98.3	99.0	99.2	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV ≥ 200	9.4	91.0	96.0	98.3	99.0	99.2	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV ≥ 100	9.4	91.0	96.0	98.3	99.0	99.2	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV ≥ 0	9.4	91.0	96.0	98.3	99.0	99.2	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥5/16	≥0
NO CEILING	5.7	51.9	53.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.5	54.5	54.5	54.5	54.5	54.5
≥ 20000	6.1	64.0	67.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2
≥ 18000	6.2	64.6	67.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8
≥ 16000	6.2	64.7	67.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9
≥ 14000	6.2	65.9	69.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2
≥ 12000	6.3	66.9	70.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2
≥ 10000	6.7	70.4	74.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4
≥ 9000	6.7	71.3	75.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2
≥ 8000	7.1	75.7	79.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2
≥ 7000	7.2	77.3	81.4	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0
≥ 6000	7.3	78.0	82.2	83.8	83.8	83.8	83.8	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0
≥ 5000	7.3	81.5	86.0	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.4	88.5	88.5	88.5	88.5	88.5
≥ 4500	7.3	82.8	87.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4000	7.3	83.9	89.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500	7.3	84.9	90.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.4	93.5	93.5	93.5	93.5	93.5
≥ 3000	7.3	85.7	91.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.8	94.9	94.9	94.9	94.9	94.9
≥ 2500	7.3	86.3	92.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.9	96.0	96.0	96.0	96.0	96.0
≥ 2000	7.3	86.6	92.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	96.5	96.6	96.6	96.6	96.6	96.6
≥ 1800	7.3	86.8	92.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	7.3	87.2	93.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	97.2	97.3	97.3	97.3	97.3	97.3
≥ 1200	7.3	87.2	93.3	96.2	96.2	96.2	96.2	96.2	96.2	96.2	97.4	97.5	97.5	97.5	97.5	97.5
≥ 1000	7.4	87.4	93.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	7.4	87.4	93.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	7.4	87.4	93.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700	7.4	87.5	93.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	7.4	87.5	93.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	7.4	87.5	93.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	7.4	87.5	93.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	7.4	87.5	93.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	98.4	98.4	98.4	98.4	98.4	98.4
≥ 200	7.4	87.5	93.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 100	7.4	87.5	93.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 0	7.4	87.5	93.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 9-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	3.9	55.7	59.7	61.4	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 20000	3.9	61.7	66.5	68.6	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 18000	3.9	61.9	66.7	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 16000	3.9	61.9	66.7	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 14000	3.9	62.3	67.0	69.1	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 12000	3.9	63.3	68.1	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 10000	4.1	67.0	71.7	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 9000	4.2	67.9	72.3	74.5	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 8000	4.6	72.7	77.7	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 7000	4.6	74.3	79.4	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 6000	4.6	75.4	80.5	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 5000	4.6	76.7	82.6	85.1	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 4500	4.6	77.8	83.9	86.3	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 4000	4.6	79.6	86.2	89.0	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 3500	4.6	80.0	86.8	90.1	91.8	92.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 3000	4.6	81.1	88.0	91.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 2500	4.6	81.2	88.2	91.9	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 2000	4.6	81.5	88.7	92.5	93.8	93.9	94.3	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1800	4.6	81.7	89.1	93.1	94.5	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1500	4.6	82.3	89.9	94.1	95.7	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1200	4.6	82.5	90.3	94.6	96.3	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1000	4.6	82.6	90.4	94.7	96.6	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 900	4.6	82.6	90.4	94.7	96.6	96.7	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 800	4.6	83.0	91.0	95.3	97.0	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 700	4.6	83.2	91.2	95.6	97.0	98.0	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 600	4.6	83.5	91.5	96.0	98.0	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	4.6	83.8	91.8	96.3	98.7	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	4.6	83.9	91.9	96.6	98.9	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	4.6	83.9	91.9	96.6	98.9	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	4.6	83.9	91.9	96.6	98.9	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	4.6	83.9	91.9	96.6	98.9	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	4.6	83.9	91.9	96.6	98.9	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0
NO CEILING	3.2	52.9	58.1	61.0	61.5	61.5	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 20000	3.2	56.8	62.4	65.7	66.5	66.5	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 18000	3.2	57.0	62.6	65.9	66.7	66.7	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 16000	3.2	57.0	62.7	66.0	66.8	66.8	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 14000	3.2	57.5	63.2	66.6	67.4	67.4	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 12000	3.2	58.3	64.3	67.8	68.8	68.8	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 10000	3.2	62.3	68.5	72.3	73.4	73.4	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 9000	3.4	62.6	68.9	72.7	73.9	73.9	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 8000	3.4	66.0	72.9	77.0	78.3	78.3	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 7000	3.4	66.7	73.5	77.8	78.9	78.9	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 6000	3.4	67.4	74.3	78.7	80.0	80.0	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 5000	3.4	68.4	75.4	79.9	81.3	81.3	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 4500	3.4	69.4	76.6	81.1	82.6	82.6	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 4000	3.4	71.6	79.4	84.1	85.7	85.7	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 3500	3.4	72.6	80.4	85.3	87.1	87.1	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 3000	3.4	73.5	81.5	86.3	88.3	88.3	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 2500	3.4	73.8	81.7	86.7	88.9	88.9	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 2000	3.4	74.1	82.0	87.1	89.6	89.6	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 1800	3.4	74.2	82.2	87.2	89.8	89.8	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 1500	3.4	74.6	82.7	87.8	90.5	90.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 1200	3.4	75.6	83.7	88.9	91.6	91.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1000	3.4	76.0	84.3	89.6	92.4	92.4	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 900	3.4	76.0	84.6	89.9	92.9	92.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 800	3.4	76.6	85.3	90.6	93.7	93.7	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 700	3.4	76.8	85.8	91.3	94.4	94.4	95.2	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 600	3.4	76.8	85.8	91.3	94.5	94.5	95.4	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 500	3.4	77.4	86.5	92.3	95.8	95.8	97.1	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 400	3.4	77.4	86.6	92.4	96.1	96.1	97.6	98.3	99.0	99.1	99.1	99.1	99.1	99.1	99.1
IV 300	3.4	77.4	86.6	92.4	96.1	96.1	97.6	98.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2
IV 200	3.4	77.4	86.6	92.4	96.1	96.1	97.6	98.5	99.4	99.5	99.6	99.6	99.6	99.6	99.6
IV 100	3.4	77.4	86.6	92.4	96.1	96.1	97.6	98.5	99.4	99.5	99.6	99.6	99.6	99.6	99.6
IV 0	3.4	77.4	86.6	92.4	96.1	96.1	97.6	98.5	99.4	99.5	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030 POPE AFB NC

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5-16	≥ ¼	≥ 0
NO CEILING	2.4	40.6	46.5	51.0	53.1	54.2	54.5	54.9	54.9	54.9	54.9	54.9	54.9	55.1	55.2	55.2
≥ 20000	2.4	43.2	50.0	58.8	57.6	59.0	59.4	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.1	60.1
IV 18000	2.4	43.4	50.2	55.2	58.1	59.5	59.8	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.5	60.5
IV 16000	2.4	43.8	50.2	55.2	58.1	59.5	59.8	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.5	60.5
IV 14000	2.4	44.1	50.9	55.8	58.7	60.1	60.4	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.2	61.2
IV 12000	2.4	45.3	52.8	57.9	60.3	61.7	62.0	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.8	62.8
IV 10000	2.5	47.8	55.5	60.5	63.5	64.9	65.3	65.8	65.8	65.8	65.8	65.8	65.8	65.9	66.0	66.0
IV 9000	2.5	48.0	55.6	60.8	63.8	65.2	65.5	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.2	66.2
IV 8000	2.5	51.5	59.7	65.3	68.4	69.9	70.4	71.0	71.0	71.1	71.1	71.1	71.1	71.2	71.3	71.3
IV 7000	2.5	52.0	60.3	65.9	69.0	70.5	71.1	71.7	71.7	71.8	71.8	71.8	71.8	71.9	72.0	72.0
IV 6000	2.5	52.5	60.8	66.7	69.8	71.4	71.9	72.7	72.7	72.8	72.8	72.8	72.8	72.9	73.0	73.0
IV 5000	2.5	53.1	61.9	67.3	70.4	72.2	72.9	73.7	73.7	73.8	73.8	73.8	73.8	73.9	74.0	74.0
IV 4500	2.5	54.2	62.8	68.7	71.8	73.5	74.3	75.1	75.1	75.2	75.2	75.2	75.2	75.3	75.4	75.4
IV 4000	2.5	56.2	64.9	71.1	74.8	76.1	76.9	77.7	77.7	77.8	77.8	77.8	77.8	78.0	78.1	78.1
IV 3500	2.5	56.6	65.3	71.4	74.8	76.7	77.5	78.4	78.4	78.5	78.5	78.5	78.5	78.6	78.7	78.7
IV 3000	2.5	57.5	66.3	72.6	76.0	77.8	78.7	79.6	79.6	79.7	79.7	79.7	79.7	79.8	79.9	79.9
IV 2500	2.5	58.3	67.3	73.5	77.1	79.0	80.0	80.9	80.9	81.0	81.0	81.0	81.0	81.1	81.2	81.2
IV 2000	2.5	58.7	67.8	74.2	77.7	79.7	80.4	81.5	81.5	81.6	81.6	81.6	81.6	81.7	81.8	81.8
IV 1800	2.5	58.7	67.8	74.2	77.8	79.9	81.0	81.8	81.8	82.0	82.0	82.0	82.0	82.2	82.3	82.3
IV 1500	2.5	59.8	68.5	74.8	78.0	81.1	82.2	83.0	83.0	83.2	83.2	83.2	83.2	83.3	83.4	83.4
IV 1200	2.5	59.8	69.1	75.8	80.1	82.3	83.3	84.2	84.2	84.4	84.4	84.4	84.4	84.5	84.6	84.6
IV 1000	2.5	60.7	69.6	76.5	81.2	83.3	84.4	85.3	85.3	85.5	85.5	85.5	85.5	85.6	85.7	85.7
IV 900	2.5	60.8	70.3	77.4	82.4	84.6	85.8	86.8	86.8	87.0	87.0	87.0	87.0	87.1	87.2	87.2
IV 800	2.5	61.5	71.4	78.3	83.0	85.5	87.7	88.7	88.7	88.9	88.9	88.9	88.9	89.0	89.1	89.1
IV 700	2.5	61.8	71.7	78.4	83.1	87.5	88.8	89.8	89.8	90.0	90.0	90.0	90.0	90.1	90.2	90.2
IV 600	2.5	62.3	72.2	80.1	86.2	88.7	90.2	91.2	91.2	91.4	91.4	91.4	91.4	91.5	91.6	91.6
IV 500	2.5	62.8	72.7	80.8	87.0	89.5	91.5	92.8	92.9	93.1	93.1	93.1	93.1	93.2	93.3	93.3
IV 400	2.5	62.9	72.8	80.9	87.5	90.0	92.4	94.1	94.3	94.9	94.9	94.9	94.9	95.2	95.3	95.3
IV 300	2.5	63.1	73.0	81.1	87.7	90.2	92.6	94.6	94.9	96.0	96.0	96.0	96.0	96.5	96.6	96.7
IV 200	2.5	63.1	73.0	81.1	87.7	90.2	92.6	94.6	94.9	96.0	96.0	96.0	96.0	96.5	96.6	96.7
IV 100	2.5	63.1	73.0	81.1	87.7	90.2	92.6	94.6	94.9	96.0	96.0	96.0	96.0	96.5	96.6	96.7
IV 0	2.5	63.1	73.0	81.1	87.7	90.2	92.6	94.6	94.9	96.0	96.0	96.0	96.0	96.5	96.6	96.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	4.6	47.2	51.2	53.8	53.8	54.1	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 20000	4.9	54.0	58.8	61.3	62.0	62.3	62.4	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6
IV 18000	4.9	54.5	59.4	61.9	62.6	62.9	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2
IV 16000	4.9	54.6	59.5	61.9	62.7	63.0	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3
IV 14000	5.0	55.3	60.2	62.7	63.5	63.8	63.9	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1
IV 12000	5.1	56.9	62.8	65.6	65.3	65.6	65.8	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0
IV 10000	5.2	60.5	65.9	68.6	69.4	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1
IV 9000	5.3	60.8	66.2	69.0	69.8	70.1	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.5	70.5
IV 8000	5.5	65.2	71.8	74.1	75.0	75.3	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.8	75.8	75.8
IV 7000	5.5	66.2	72.2	75.2	76.1	76.4	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.9	76.9	76.9
IV 6000	5.5	66.9	73.1	76.1	77.0	77.4	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.9	77.9	77.9
IV 5000	5.6	68.6	74.9	78.2	79.3	79.7	79.9	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2
IV 4500	5.6	69.5	76.0	79.4	80.5	80.9	81.1	81.3	81.3	81.4	81.4	81.4	81.4	81.5	81.5	81.5
IV 4000	5.6	71.8	78.7	82.3	83.5	83.9	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.5	84.5	84.5
IV 3500	5.6	72.9	79.9	83.6	84.9	85.4	85.6	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0
IV 3000	5.7	74.9	82.1	86.0	87.4	87.9	88.2	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5
IV 2500	5.7	75.4	82.8	86.8	88.3	88.8	89.1	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.5	89.5
IV 2000	5.7	76.2	83.7	87.8	89.4	89.9	90.2	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.6
IV 1800	5.8	76.4	83.8	88.1	89.7	90.2	90.6	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0
IV 1500	5.8	77.0	84.7	89.0	90.8	91.4	91.7	91.9	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.2
IV 1200	5.8	77.5	85.3	89.8	91.6	92.2	92.6	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.1
IV 1000	5.8	78.8	86.0	90.7	92.7	93.3	93.7	93.9	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2
IV 900	5.8	78.8	86.3	91.1	93.2	93.8	94.1	94.4	94.4	94.5	94.6	94.6	94.6	94.7	94.7	94.7
IV 800	5.8	78.5	86.7	91.8	94.0	94.7	95.1	95.3	95.4	95.5	95.5	95.5	95.5	95.6	95.6	95.6
IV 700	5.8	78.6	87.0	92.2	94.6	95.3	95.8	96.1	96.1	96.2	96.3	96.3	96.3	96.4	96.4	96.4
IV 600	5.8	78.8	87.1	92.4	95.0	95.8	96.4	96.7	96.7	96.8	96.9	96.9	96.9	96.9	97.0	97.0
IV 500	5.8	79.0	87.4	92.9	95.7	96.6	97.3	97.7	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.1
IV 400	5.8	79.0	87.5	93.0	95.9	97.0	97.8	98.4	98.4	98.7	98.8	98.8	98.8	98.9	98.9	98.9
IV 300	5.8	79.1	87.5	93.0	96.0	97.1	97.9	98.5	98.6	99.0	99.0	99.0	99.0	99.2	99.2	99.3
IV 200	5.8	79.1	87.5	93.0	96.0	97.1	98.0	98.7	98.8	99.2	99.4	99.4	99.6	99.7	99.7	99.8
IV 100	5.8	79.1	87.5	93.0	96.0	97.1	98.0	98.7	98.9	99.3	99.5	99.5	99.8	99.8	99.9	100.0
IV 0	5.8	79.1	87.5	93.0	96.0	97.1	98.0	98.7	98.9	99.3	99.5	99.5	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7990

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030 POPE AFB NC

74-83

1111

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	5.4	32.9	41.1	47.9	50.6	51.6	52.1	52.1	52.1	52.3	52.3	5	52.4	52.4	52.6	52.6
≥ 20000	5.4	32.9	41.1	47.9	50.6	51.6	52.1	52.1	52.1	52.3	52.3	5	52.4	52.4	52.6	52.6
≥ 18000	5.8	38.6	47.9	56.3	59.4	60.8	61.3	61.4	61.6	61.9	61.9	6	61.9	62.0	62.1	62.1
≥ 16000	5.8	38.6	47.9	56.3	59.4	60.8	61.3	61.4	61.6	61.9	61.9	6	61.9	62.0	62.1	62.1
≥ 14000	5.8	38.6	47.9	56.3	59.4	60.8	61.3	61.4	61.6	61.9	61.9	6	61.9	62.0	62.1	62.1
≥ 12000	5.8	38.6	47.9	56.3	59.4	60.8	61.3	61.4	61.6	61.9	61.9	6	61.9	62.0	62.1	62.1
≥ 10000	6.4	43.8	54.2	63.3	66.7	68.1	68.9	69.1	69.2	69.6	69.6	69.6	69.6	69.8	69.9	70.0
≥ 9000	6.4	43.8	54.2	63.3	66.7	68.1	68.9	69.1	69.2	69.6	69.6	69.6	69.6	69.8	69.9	70.0
≥ 8000	6.4	43.8	54.2	63.3	66.7	68.1	68.9	69.1	69.2	69.6	69.6	69.6	69.6	69.8	69.9	70.0
≥ 7000	6.4	43.8	54.2	63.3	66.7	68.1	68.9	69.1	69.2	69.6	69.6	69.6	69.6	69.8	69.9	70.0
≥ 6000	6.4	43.8	54.2	63.3	66.7	68.1	68.9	69.1	69.2	69.6	69.6	69.6	69.6	69.8	69.9	70.0
≥ 5000	6.4	43.8	54.2	63.3	66.7	68.1	68.9	69.1	69.2	69.6	69.6	69.6	69.6	69.8	69.9	70.0
≥ 4500	6.4	43.8	54.2	63.3	66.7	68.1	68.9	69.1	69.2	69.6	69.6	69.6	69.6	69.8	69.9	70.0
≥ 4000	6.4	43.8	54.2	63.3	66.7	68.1	68.9	69.1	69.2	69.6	69.6	69.6	69.6	69.8	69.9	70.0
≥ 3500	6.4	43.8	54.2	63.3	66.7	68.1	68.9	69.1	69.2	69.6	69.6	69.6	69.6	69.8	69.9	70.0
≥ 3000	6.4	43.8	54.2	63.3	66.7	68.1	68.9	69.1	69.2	69.6	69.6	69.6	69.6	69.8	69.9	70.0
≥ 2500	6.4	43.8	54.2	63.3	66.7	68.1	68.9	69.1	69.2	69.6	69.6	69.6	69.6	69.8	69.9	70.0
≥ 2000	6.4	43.8	54.2	63.3	66.7	68.1	68.9	69.1	69.2	69.6	69.6	69.6	69.6	69.8	69.9	70.0
≥ 1800	6.4	43.8	54.2	63.3	66.7	68.1	68.9	69.1	69.2	69.6	69.6	69.6	69.6	69.8	69.9	70.0
≥ 1500	6.4	43.8	54.2	63.3	66.7	68.1	68.9	69.1	69.2	69.6	69.6	69.6	69.6	69.8	69.9	70.0
≥ 1200	6.4	43.8	54.2	63.3	66.7	68.1	68.9	69.1	69.2	69.6	69.6	69.6	69.6	69.8	69.9	70.0
≥ 1000	6.4	43.8	54.2	63.3	66.7	68.1	68.9	69.1	69.2	69.6	69.6	69.6	69.6	69.8	69.9	70.0
≥ 900	6.4	43.8	54.2	63.3	66.7	68.1	68.9	69.1	69.2	69.6	69.6	69.6	69.6	69.8	69.9	70.0
≥ 800	6.4	43.8	54.2	63.3	66.7	68.1	68.9	69.1	69.2	69.6	69.6	69.6	69.6	69.8	69.9	70.0
≥ 700	6.4	43.8	54.2	63.3	66.7	68.1	68.9	69.1	69.2	69.6	69.6	69.6	69.6	69.8	69.9	70.0
≥ 600	6.4	43.8	54.2	63.3	66.7	68.1	68.9	69.1	69.2	69.6	69.6	69.6	69.6	69.8	69.9	70.0
≥ 500	6.4	43.8	54.2	63.3	66.7	68.1	68.9	69.1	69.2	69.6	69.6	69.6	69.6	69.8	69.9	70.0
≥ 400	6.4	43.8	54.2	63.3	66.7	68.1	68.9	69.1	69.2	69.6	69.6	69.6	69.6	69.8	69.9	70.0
≥ 300	6.4	43.8	54.2	63.3	66.7	68.1	68.9	69.1	69.2	69.6	69.6	69.6	69.6	69.8	69.9	70.0
≥ 200	6.4	43.8	54.2	63.3	66.7	68.1	68.9	69.1	69.2	69.6	69.6	69.6	69.6	69.8	69.9	70.0
≥ 100	6.4	43.8	54.2	63.3	66.7	68.1	68.9	69.1	69.2	69.6	69.6	69.6	69.6	69.8	69.9	70.0
≥ 0	6.4	43.8	54.2	63.3	66.7	68.1	68.9	69.1	69.2	69.6	69.6	69.6	69.6	69.8	69.9	70.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

HOURS - LST

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	8.2	51.9	56.3	59.2	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 20000	8.3	59.4	64.8	68.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000	8.3	60.0	65.3	69.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 16000	8.3	60.0	65.3	69.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 14000	8.6	60.7	66.0	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 12000	8.7	62.3	68.0	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 10000	9.1	64.9	70.7	74.9	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 9000	9.1	65.0	70.8	75.0	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 8000	9.2	67.9	74.0	78.6	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 7000	9.2	69.3	75.4	80.1	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 6000	9.3	70.0	76.1	80.8	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 5000	9.3	70.6	76.7	81.4	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	9.3	71.6	77.9	82.7	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4000	9.4	72.0	78.3	83.2	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3500	9.6	72.8	79.1	84.1	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3000	9.8	75.0	81.7	87.0	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2500	9.9	75.8	82.4	87.9	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2000	10.0	77.1	83.9	89.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1800	10.0	77.2	84.1	89.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1500	10.0	78.3	85.4	91.3	92.3	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200	10.0	79.3	86.9	92.9	94.0	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1000	10.0	80.7	88.8	95.3	96.7	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	10.0	80.8	89.0	95.7	97.1	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	10.0	80.9	89.2	96.1	97.6	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	10.0	81.0	89.6	96.7	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	10.0	81.0	89.7	96.8	98.4	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	10.0	81.0	89.7	97.3	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	10.0	81.0	89.7	97.3	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	10.0	81.0	89.7	97.3	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	10.0	81.0	89.7	97.3	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	10.0	81.0	89.7	97.3	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	10.0	81.0	89.7	97.3	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030 POPE AFB NC

74-83

MIN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ ⅓	≥ ⅒	≥ 0
NO CEILING	8.8	49.3	53.4	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 20000	10.0	58.4	63.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 18000	10.0	59.4	64.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 16000	10.0	59.4	64.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 14000	10.1	59.9	65.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 12000	10.1	61.2	66.4	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 10000	10.3	64.4	70.0	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 9000	10.3	64.4	70.0	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 8000	10.3	66.7	72.2	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 7000	10.3	67.0	72.7	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 6000	10.3	67.9	73.7	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 5000	10.3	68.8	75.0	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 4500	10.4	70.1	76.6	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 4000	10.8	74.0	81.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 3500	10.9	75.7	83.4	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 3000	11.3	80.6	88.7	92.8	92.8	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 2500	11.6	82.6	90.7	94.2	94.7	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
IV 2000	11.6	83.8	91.6	95.1	95.8	96.0	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
IV 1800	11.6	83.8	91.9	95.4	96.1	96.3	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
IV 1500	11.6	84.4	92.6	96.1	96.8	97.0	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
IV 1200	11.6	84.9	93.0	96.8	97.6	97.8	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
IV 1000	11.6	85.1	93.2	97.1	97.9	98.2	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 900	11.6	85.2	93.3	97.3	98.1	98.4	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	11.6	85.3	93.6	97.6	98.3	98.7	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
IV 700	11.6	85.3	93.6	97.7	98.6	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	11.6	85.3	93.6	97.7	98.8	99.2	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	11.6	85.4	93.7	97.8	98.9	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	11.6	85.4	93.7	97.8	98.9	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	11.6	85.4	93.7	97.8	98.9	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	11.6	85.4	93.7	97.8	98.9	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	11.6	85.4	93.7	97.8	98.9	99.3	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	11.6	85.4	93.7	97.8	98.9	99.3	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030 POPE AFB NC

74-83

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING	7.9	49.8	54.0	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 20000	8.9	60.4	65.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 18000	8.9	61.2	65.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 16000	8.9	61.4	66.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
IV 14000	8.9	62.0	66.6	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 12000	8.9	63.6	68.2	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 10000	8.9	67.1	72.9	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 9000	8.9	67.2	73.0	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 8000	9.0	69.8	75.9	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 7000	9.0	70.9	77.1	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 6000	9.0	72.3	78.7	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 5000	9.0	74.6	81.1	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 4500	9.1	75.7	82.4	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 4000	9.2	79.0	86.0	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 3500	9.2	80.3	87.6	91.9	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8
IV 3000	9.2	82.9	90.4	94.9	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1
IV 2500	9.2	83.8	91.6	96.0	96.8	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3
IV 2000	9.2	84.1	91.9	96.4	97.2	97.4	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8
IV 1800	9.2	84.2	92.0	96.6	97.3	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.9	97.9	97.9
IV 1500	9.2	84.3	92.2	96.8	97.6	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1
IV 1200	9.2	84.4	92.3	97.0	97.8	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3
IV 1000	9.2	84.4	92.3	97.0	98.1	98.4	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9
IV 900	9.2	84.8	92.4	97.1	98.3	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.1	99.1	99.1
IV 800	9.2	84.8	92.7	97.3	98.7	99.0	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4
IV 700	9.2	84.8	92.7	97.4	98.8	99.2	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 600	9.2	84.8	92.7	97.4	98.8	99.2	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 500	9.2	84.8	92.7	97.6	99.8	99.4	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 400	9.2	84.8	92.7	97.6	99.8	99.4	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 300	9.2	84.8	92.7	97.6	99.8	99.4	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 200	9.2	84.8	92.7	97.6	99.8	99.4	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	9.2	84.8	92.7	97.6	99.8	99.4	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	9.2	84.8	92.7	97.6	99.8	99.4	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

STATION NAME

74-83

YEARS

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1800

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	5.2	50.0	54.9	56.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 20000	5.6	63.7	70.2	72.2	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 18000	5.6	63.8	70.6	72.6	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 16000	5.6	63.9	70.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 14000	5.6	64.3	71.2	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 12000	5.6	66.2	73.6	75.8	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 10000	5.8	69.8	77.9	80.4	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 9000	5.8	69.9	78.0	80.6	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 8000	5.8	72.8	81.8	83.8	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 7000	5.8	74.0	82.3	85.1	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 6000	5.8	74.1	82.4	85.3	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 5000	5.8	75.0	83.7	86.6	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 4500	5.9	76.7	85.9	88.8	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 4000	6.0	78.7	88.3	91.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 3500	6.0	79.4	89.2	92.6	93.6	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 3000	6.0	83.0	91.0	94.3	95.6	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 2500	6.0	81.2	91.4	94.9	96.1	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 2000	6.0	81.6	91.8	95.2	96.8	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1800	6.0	81.6	91.8	95.2	96.8	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1500	6.0	81.7	91.9	95.3	96.8	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1200	6.0	81.9	92.1	95.6	96.9	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1000	6.0	82.0	92.2	95.8	97.2	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 900	6.0	82.0	92.2	95.8	97.2	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 800	6.0	82.0	92.2	95.8	97.2	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 700	6.0	82.0	92.2	95.8	97.2	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 600	6.0	82.0	92.2	95.8	97.2	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 500	6.0	82.0	92.2	95.8	97.2	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 400	6.0	82.0	92.2	95.8	97.2	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 300	6.0	82.0	92.2	95.8	97.2	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 200	6.0	82.0	92.2	95.8	97.2	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 100	6.0	82.0	92.2	95.8	97.2	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 0	6.0	82.0	92.2	95.8	97.2	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 800

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS - LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	3.3	55.1	59.7	61.4	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 20000	3.4	63.2	69.4	71.9	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 18000	3.4	63.3	69.8	72.3	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 16000	3.4	63.3	69.8	72.3	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 14000	3.6	64.1	70.7	73.2	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 12000	3.6	64.8	71.7	74.2	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 10000	3.6	67.8	75.3	78.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 9000	3.6	68.0	75.6	78.7	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 8000	3.6	70.8	78.6	81.7	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 7000	3.6	71.6	79.3	82.8	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 6000	3.6	71.8	79.7	82.9	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 5000	3.6	72.3	80.8	84.2	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 4500	3.6	73.3	82.4	85.9	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 4000	3.6	74.8	84.4	88.0	90.4	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 3500	3.6	75.3	85.0	88.7	91.2	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 3000	3.6	76.4	86.1	90.2	93.2	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 2500	3.6	76.7	86.9	91.4	94.7	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 2000	3.6	76.7	87.0	91.8	95.1	95.3	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1800	3.6	76.8	87.1	92.0	95.3	95.6	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1500	3.6	77.0	87.3	92.3	95.8	96.0	96.3	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1200	3.6	77.4	87.9	93.0	96.4	96.8	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1000	3.6	77.7	88.2	93.4	96.9	97.2	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 900	3.6	77.8	88.3	93.6	97.0	97.3	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 800	3.6	77.8	88.4	93.7	97.2	97.7	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 700	3.6	78.2	89.0	94.2	97.9	98.3	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 600	3.6	78.2	89.1	94.4	98.3	98.8	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	3.6	78.2	89.1	94.6	98.7	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	3.6	78.2	89.1	94.7	98.8	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	3.6	78.2	89.1	94.7	98.8	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	3.6	78.2	89.1	94.7	98.8	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	3.6	78.2	89.1	94.7	98.8	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	3.6	78.2	89.1	94.7	98.8	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030 POPE AFB NC

74-83

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING	3.4	52.2	59.7	62.1	63.3	63.7	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 20000	3.4	56.3	65.6	68.6	69.9	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 18000	3.4	56.6	65.8	68.8	70.1	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 16000	3.4	56.6	65.8	68.8	70.1	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 14000	3.4	56.7	65.9	68.9	70.2	70.9	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 12000	3.4	57.2	66.6	69.8	71.6	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 10000	3.6	60.9	71.4	75.0	76.8	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 9000	3.6	60.9	71.4	75.0	76.8	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 8000	3.6	63.4	74.1	77.8	79.8	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 7000	3.6	64.2	75.0	78.9	80.9	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 6000	3.6	64.9	75.7	79.7	81.8	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 5000	3.6	66.4	77.4	81.7	83.9	84.7	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 4500	3.6	67.2	78.8	83.2	85.4	86.2	86.3	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 4000	3.6	68.0	79.9	84.6	87.0	87.8	87.9	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 3500	3.6	68.7	80.8	85.6	88.0	88.8	88.9	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 3000	3.6	69.6	81.8	86.7	89.2	90.0	90.1	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 2500	3.6	69.9	82.2	87.2	90.0	90.8	90.9	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 2000	3.6	70.2	82.7	87.9	91.0	91.8	91.9	92.1	92.1	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1800	3.6	70.4	82.8	88.1	91.2	92.0	92.1	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 1500	3.6	71.0	83.6	88.8	92.1	92.9	93.0	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 1200	3.6	71.4	84.0	89.2	92.6	93.3	93.4	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 1000	3.6	71.9	84.7	89.9	93.3	94.1	94.2	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 900	3.6	72.2	85.0	90.4	93.9	94.7	94.8	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 800	3.6	72.4	85.8	91.3	94.8	95.6	95.7	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 700	3.6	73.2	86.8	92.3	95.9	96.8	97.0	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 600	3.6	73.3	87.0	92.6	96.2	97.1	97.3	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 500	3.6	73.4	87.1	92.9	96.7	97.7	98.0	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 400	3.6	73.4	87.1	93.2	97.0	98.2	98.6	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	3.6	73.4	87.1	93.2	97.0	98.3	98.7	99.0	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	3.6	73.4	87.1	93.2	97.0	98.3	98.7	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	3.6	73.4	87.1	93.2	97.0	98.3	98.7	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	3.6	73.4	87.1	93.2	97.0	98.3	98.7	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

JHM

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	2.8	38.1	45.3	50.4	53.3	54.9	56.1	56.2	56.2	56.4	56.8	56.8	57.0	57.0	57.0	57.0
≥ 20000	2.9	43.2	51.4	57.3	60.3	61.9	63.2	63.3	63.3	63.7	64.1	64.1	64.3	64.3	64.3	64.3
≥ 18000	2.9	43.2	51.4	57.3	60.3	61.9	63.2	63.3	63.3	63.7	64.1	64.1	64.3	64.3	64.3	64.3
≥ 16000	2.9	43.2	51.4	57.3	60.3	61.9	63.2	63.3	63.3	63.7	64.1	64.1	64.3	64.3	64.3	64.3
≥ 14000	2.9	43.6	51.8	57.8	60.8	62.3	63.7	63.8	63.8	64.1	64.6	64.6	64.8	64.8	64.8	64.8
≥ 12000	2.9	44.3	52.9	59.4	62.9	64.4	65.9	66.1	66.1	66.6	67.0	67.0	67.2	67.2	67.2	67.2
≥ 10000	3.1	48.1	57.4	64.1	67.6	69.1	70.7	70.9	70.9	71.3	71.8	71.8	72.0	72.0	72.0	72.0
≥ 9000	3.1	48.3	57.8	64.4	67.9	69.4	71.0	71.2	71.2	71.7	72.1	72.1	72.3	72.3	72.3	72.3
≥ 8000	3.1	50.8	60.4	67.2	70.9	72.4	74.0	74.2	74.2	74.7	75.1	75.1	75.3	75.3	75.3	75.3
≥ 7000	3.1	51.0	60.7	67.7	71.4	73.0	74.6	74.8	74.8	75.2	75.7	75.7	75.9	75.9	75.9	75.9
≥ 6000	3.1	51.7	61.4	68.4	72.2	73.8	75.3	75.6	75.6	76.0	76.4	76.4	76.7	76.7	76.7	76.7
≥ 5000	3.1	52.9	62.8	69.9	73.9	75.4	77.0	77.2	77.2	77.7	78.1	78.1	78.3	78.3	78.3	78.3
≥ 4500	3.1	52.9	63.2	70.4	74.4	76.0	77.6	77.8	77.8	78.2	78.7	78.7	78.9	78.9	78.9	78.9
≥ 4000	3.1	54.0	64.7	72.0	76.3	78.1	79.7	79.9	79.9	80.6	81.0	81.0	81.2	81.2	81.2	81.2
≥ 3500	3.2	54.9	65.7	73.2	77.6	79.4	81.0	81.2	81.2	81.9	82.3	82.3	82.6	82.6	82.6	82.6
≥ 3000	3.2	55.3	66.2	74.1	78.6	80.4	82.0	82.2	82.3	83.0	83.4	83.4	83.7	83.7	83.7	83.7
≥ 2500	3.2	56.2	67.2	75.1	79.7	81.6	83.2	83.4	83.6	84.2	84.7	84.7	84.9	84.9	84.9	84.9
≥ 2000	3.2	56.4	67.6	75.4	80.1	82.1	83.9	84.1	84.2	84.9	85.3	85.3	85.6	85.6	85.6	85.6
≥ 1800	3.2	56.8	67.7	75.8	80.4	82.4	84.2	84.4	84.6	85.2	85.7	85.7	85.9	85.9	85.9	85.9
≥ 1500	3.2	56.9	68.1	76.2	81.1	83.1	84.9	85.1	85.2	85.9	86.3	86.3	86.6	86.6	86.6	86.6
≥ 1200	3.2	57.3	68.6	76.7	81.9	84.0	85.9	86.1	86.2	86.9	87.3	87.3	87.6	87.6	87.6	87.6
≥ 1000	3.2	58.1	69.6	77.9	83.3	85.4	87.3	87.6	87.7	88.3	88.8	88.8	89.0	89.0	89.1	89.1
≥ 900	3.2	58.3	69.9	78.6	84.1	86.2	88.1	88.3	88.4	89.1	89.6	89.6	89.8	89.8	89.9	89.9
≥ 800	3.2	58.7	71.1	79.8	85.3	87.4	89.3	89.6	89.7	90.3	90.8	90.8	91.0	91.0	91.1	91.1
≥ 700	3.2	59.1	72.0	81.0	87.1	89.4	91.6	91.9	92.1	92.8	93.2	93.2	93.4	93.4	93.6	93.6
≥ 600	3.2	59.1	72.2	81.7	88.3	90.8	92.9	93.2	93.4	94.1	94.6	94.6	94.8	94.8	94.9	94.9
≥ 500	3.2	59.1	72.3	82.4	89.3	92.3	94.6	94.9	95.1	95.8	96.2	96.2	96.4	96.4	96.6	96.6
≥ 400	3.2	59.3	72.7	83.0	90.3	93.3	96.0	96.4	96.7	97.4	97.9	97.9	98.1	98.1	98.2	98.2
≥ 300	3.2	59.3	72.7	83.8	90.3	93.3	96.2	96.7	96.9	97.8	98.4	98.4	98.8	98.8	98.9	98.9
≥ 200	3.2	59.4	72.7	83.0	90.3	93.4	96.4	96.9	97.1	98.0	98.9	98.9	99.2	99.2	99.3	99.3
≥ 100	3.2	59.4	72.7	83.0	90.3	93.4	96.4	96.9	97.1	98.0	98.9	98.9	99.4	99.6	99.7	99.7
≥ 0	3.2	59.4	72.7	83.0	90.3	93.4	96.4	96.9	97.1	98.0	98.9	98.9	99.4	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030 POPE AFB NC

74-83

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	5.6	47.4	53.1	56.0	57.2	57.5	57.8	57.8	57.8	57.9	57.9	57.9	58.0	58.0	58.0	58.0
≥ 20000	6.0	55.8	62.2	66.0	67.2	67.7	67.9	68.0	68.0	68.1	68.1	68.1	68.2	68.2	68.2	68.2
IN 18000	6.0	55.8	62.7	66.4	67.8	68.1	68.4	68.4	68.4	68.5	68.6	68.6	68.6	68.7	68.7	68.7
IN 16000	6.0	55.8	62.7	66.5	67.7	68.2	68.4	68.5	68.5	68.5	68.6	68.6	68.6	68.7	68.7	68.7
IN 14000	6.1	56.3	63.2	67.0	68.3	68.7	69.0	69.0	69.0	69.1	69.2	69.2	69.2	69.3	69.3	69.3
IN 12000	6.1	57.5	64.7	68.6	70.0	70.5	70.8	70.8	70.8	70.9	71.0	71.0	71.1	71.1	71.1	71.1
IN 10000	6.3	60.8	68.7	73.0	74.5	75.0	75.3	75.4	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.6
IN 9000	6.3	61.0	68.9	73.2	74.7	75.2	75.5	75.5	75.5	75.7	75.7	75.7	75.8	75.8	75.8	75.8
IN 8000	6.4	63.5	71.7	76.1	77.7	78.2	78.5	78.6	78.6	78.7	78.8	78.8	78.8	78.9	78.9	78.9
IN 7000	6.4	64.3	72.6	77.2	78.8	79.3	79.6	79.7	79.7	79.8	79.9	79.9	79.9	80.0	80.0	80.0
IN 6000	6.4	65.0	73.3	77.9	79.5	80.1	80.4	80.4	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7
IN 5000	6.4	66.0	74.8	79.4	81.1	81.7	82.0	82.1	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3
IN 4500	6.4	67.0	75.9	80.8	82.5	83.1	83.4	83.5	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8
IN 4000	6.5	68.7	78.0	83.3	85.0	85.6	86.0	86.1	86.1	86.3	86.3	86.3	86.4	86.4	86.4	86.4
IN 3500	6.6	69.6	79.0	84.4	86.4	87.0	87.4	87.5	87.5	87.7	87.8	87.8	87.8	87.9	87.9	87.9
IN 3000	6.6	71.3	81.0	86.7	88.7	89.4	89.8	89.9	89.9	90.1	90.2	90.2	90.3	90.3	90.3	90.3
IN 2500	6.7	72.1	81.9	87.8	89.8	90.5	91.0	91.1	91.2	91.4	91.5	91.5	91.5	91.6	91.6	91.6
IN 2000	6.7	72.8	82.8	88.7	90.8	91.5	91.8	92.0	92.0	92.2	92.3	92.3	92.4	92.4	92.4	92.4
IN 1800	6.7	72.7	82.6	88.4	90.6	91.5	92.1	92.2	92.3	92.5	92.6	92.6	92.6	92.7	92.7	92.7
IN 1500	6.7	73.2	83.1	89.1	91.3	92.2	92.8	93.0	93.0	93.3	93.3	93.3	93.4	93.4	93.4	93.4
IN 1200	6.7	73.7	83.7	89.7	92.3	93.1	93.7	93.9	93.9	94.1	94.2	94.2	94.3	94.3	94.3	94.3
IN 1000	6.7	74.2	84.4	90.4	93.3	94.1	94.7	94.9	95.0	95.2	95.3	95.3	95.4	95.4	95.4	95.4
IN 900	6.7	74.4	84.6	90.6	93.8	94.8	95.2	95.4	95.4	95.7	95.8	95.8	95.9	95.9	95.9	95.9
IN 800	6.7	74.8	85.0	91.8	94.9	95.9	96.3	96.4	96.4	96.7	96.8	96.8	96.9	96.9	96.9	96.9
IN 700	6.7	74.9	85.3	92.1	95.2	96.1	96.8	97.1	97.1	97.4	97.5	97.5	97.6	97.6	97.6	97.6
IN 600	6.7	75.3	85.6	92.3	95.4	96.5	97.3	97.5	97.6	97.9	98.0	98.0	98.0	98.1	98.1	98.1
IN 500	6.7	74.9	85.7	92.7	96.2	97.3	98.1	98.4	98.4	98.7	98.9	98.9	98.9	99.0	99.0	99.0
IN 400	6.7	75.0	85.8	92.8	96.3	97.5	98.3	98.8	98.8	99.2	99.3	99.3	99.3	99.4	99.4	99.4
IN 300	6.7	75.0	85.8	92.8	96.4	97.6	98.5	98.8	98.9	99.3	99.4	99.5	99.6	99.6	99.7	99.7
IN 200	6.7	75.0	85.8	92.8	96.4	97.6	98.5	98.9	99.0	99.3	99.6	99.6	99.8	99.9	99.9	99.9
IN 100	6.7	75.0	85.8	92.8	96.4	97.6	98.5	98.9	99.0	99.3	99.6	99.6	99.8	99.9	99.9	99.9
IN 0	6.7	75.0	85.8	92.8	96.4	97.6	98.5	98.9	99.0	99.3	99.6	99.6	99.8	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM 7-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

III

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	4.0	28.2	35.1	42.4	50.3	52.0	53.7	54.2	54.6	55.1	55.1	55.2	55.3	55.5	55.5	55.5
≥ 20000	4.4	32.4	40.2	48.8	57.6	59.4	61.5	62.2	62.6	63.0	63.0	63.1	63.3	63.5	63.5	63.5
≥ 18000	4.4	33.1	41.0	49.8	58.6	60.3	62.5	63.1	63.5	64.0	64.0	64.1	64.3	64.5	64.5	64.5
≥ 16000	4.4	33.1	41.0	49.8	58.7	60.4	62.6	63.2	63.7	64.1	64.1	64.2	64.4	64.6	64.6	64.6
≥ 14000	4.5	33.9	41.9	50.8	59.9	61.7	63.9	64.5	64.9	65.4	65.4	65.5	65.7	65.9	66.0	66.0
≥ 12000	4.5	34.7	43.7	53.2	62.4	64.3	66.5	67.4	67.8	68.3	68.3	68.4	68.6	68.8	68.9	68.9
≥ 10000	4.7	38.0	47.3	56.9	66.2	68.2	70.3	71.3	71.7	72.2	72.2	72.3	72.5	72.7	72.8	72.8
≥ 9000	4.7	38.1	47.6	57.3	66.7	68.6	70.8	71.7	72.2	72.6	72.6	72.7	72.9	73.1	73.2	73.2
≥ 8000	4.7	41.0	51.0	61.1	70.6	72.8	75.2	76.1	76.6	77.0	77.0	77.1	77.3	77.5	77.6	77.6
≥ 7000	4.7	41.8	52.3	62.4	71.9	74.1	76.5	77.4	77.8	78.3	78.3	78.4	78.6	78.8	78.9	78.9
≥ 6000	4.7	42.4	52.9	63.0	72.6	74.7	77.1	78.1	78.5	78.9	78.9	79.0	79.2	79.5	79.6	79.6
≥ 5000	4.7	43.0	53.4	63.5	73.2	75.4	78.0	78.9	79.4	79.8	79.8	79.9	80.2	80.4	80.5	80.5
≥ 4500	4.7	43.2	53.7	63.9	73.5	75.7	78.3	79.2	79.7	80.1	80.1	80.2	80.5	80.8	80.9	80.9
≥ 4000	4.7	43.8	54.4	64.6	74.3	76.7	79.2	80.2	80.6	81.1	81.1	81.2	81.5	81.7	81.8	81.8
≥ 3500	4.7	43.9	54.5	64.7	74.5	77.0	79.6	80.5	81.0	81.4	81.4	81.5	81.8	82.0	82.2	82.2
≥ 3000	4.7	44.0	55.2	66.0	76.0	78.7	81.3	82.3	82.7	83.1	83.1	83.2	83.5	83.8	83.9	83.9
≥ 2500	4.7	44.3	55.6	66.6	76.7	79.4	81.9	82.9	83.3	83.8	83.8	83.9	84.2	84.4	84.5	84.5
≥ 2000	4.7	44.4	55.8	67.0	77.2	79.9	82.6	83.5	84.0	84.4	84.4	84.5	84.8	85.1	85.2	85.2
≥ 1800	4.8	44.6	56.1	67.4	77.8	80.5	83.2	84.2	84.6	85.1	85.1	85.2	85.5	85.7	85.8	85.8
≥ 1500	4.8	44.8	56.5	68.0	78.6	81.3	84.0	84.9	85.4	85.8	85.8	85.9	86.2	86.5	86.6	86.6
≥ 1200	4.8	44.9	56.8	68.7	79.6	82.4	85.2	86.1	86.6	87.0	87.0	87.1	87.4	87.6	87.7	87.7
≥ 1000	4.8	45.5	57.7	70.3	81.6	84.4	87.4	88.4	88.8	89.4	89.4	89.5	89.8	90.0	90.1	90.1
≥ 900	4.8	45.7	58.2	71.6	82.9	85.8	88.8	89.8	90.2	90.8	90.8	90.9	91.2	91.4	91.5	91.5
≥ 800	4.8	45.9	58.7	72.3	83.8	86.8	89.9	90.9	91.3	91.8	91.8	91.9	92.3	92.5	92.6	92.6
≥ 700	4.8	45.9	58.9	72.7	84.4	87.6	90.9	91.8	92.3	92.8	92.8	92.9	93.2	93.4	93.5	93.5
≥ 600	4.8	46.0	59.4	73.3	85.7	89.0	92.4	93.4	94.0	94.5	94.5	94.6	94.9	95.2	95.3	95.3
≥ 500	4.8	46.1	59.8	73.9	86.8	90.6	94.2	95.4	95.9	96.5	96.6	96.7	97.0	97.2	97.3	97.3
≥ 400	4.8	46.2	59.8	73.9	87.0	90.9	94.5	95.8	96.6	97.1	97.3	97.5	97.8	98.1	98.2	98.2
≥ 300	4.8	46.1	59.8	74.0	87.1	91.1	94.8	96.2	97.0	97.5	98.1	98.2	98.5	98.7	98.8	98.8
≥ 200	4.8	46.2	59.8	74.0	87.1	91.1	95.2	96.7	97.4	98.0	98.7	98.8	99.1	99.4	99.5	99.6
≥ 100	4.8	46.2	59.8	74.0	87.1	91.1	95.2	96.7	97.4	98.0	98.7	98.8	99.1	99.4	99.7	100.0
≥ 0	4.8	46.2	59.8	74.0	87.1	91.1	95.2	96.7	97.4	98.0	98.7	98.8	99.1	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	5.4	41.5	48.8	56.0	58.8	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 20000	5.7	47.3	55.3	63.7	66.3	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 18000	5.7	47.4	55.4	63.3	66.6	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 16000	5.7	47.4	55.4	63.3	66.6	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 14000	5.7	48.8	56.9	65.2	68.4	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 12000	5.8	51.3	59.6	68.0	71.2	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 10000	5.8	54.4	63.1	71.6	74.9	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 9000	5.8	54.7	63.4	71.9	75.3	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 8000	5.8	57.4	66.5	75.2	78.5	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 7000	5.8	58.7	67.8	76.7	80.2	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 6000	5.8	59.7	68.8	77.7	81.3	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 5000	5.8	60.0	69.1	78.2	82.2	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 4500	5.8	60.1	69.2	78.3	82.3	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 4000	5.8	60.8	69.9	78.9	82.9	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 3500	5.8	61.9	71.4	80.4	84.6	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 3000	5.8	64.9	74.8	84.8	89.7	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 2500	5.8	65.2	75.5	85.6	89.9	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 2000	5.8	65.8	76.1	86.3	90.8	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1800	5.8	67.2	77.6	87.8	92.4	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1500	5.8	68.1	78.7	89.3	93.8	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 1200	5.8	68.7	79.6	90.6	95.6	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1000	5.8	69.1	80.5	91.9	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 900	5.8	69.4	80.9	92.5	97.6	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 800	5.8	69.5	81.0	92.8	97.8	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 700	5.8	69.6	81.1	92.7	98.0	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 600	5.8	69.6	81.3	93.3	98.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	5.8	69.6	81.4	93.3	98.8	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	5.8	69.6	81.4	93.3	98.8	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	5.8	69.6	81.4	93.3	98.8	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	5.8	69.6	81.4	93.3	98.8	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	5.8	69.6	81.4	93.3	98.8	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	5.8	69.6	81.4	93.3	98.8	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 93C

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥5-16	≥0
NO CEILING	5.4	38.6	46.7	50.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
IV 20000	6.2	46.9	56.3	61.2	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 18000	6.2	46.9	56.3	61.2	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 16000	6.2	47.1	56.6	61.4	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 14000	6.5	48.6	58.2	63.4	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 12000	6.6	51.4	61.3	67.0	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 10000	6.6	53.5	63.7	69.8	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 9000	6.6	54.0	64.1	70.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 8000	6.7	57.4	67.5	73.9	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 7000	6.8	59.2	69.4	75.7	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 6000	6.8	60.1	70.2	76.6	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 5000	6.9	61.4	71.7	78.6	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 4500	7.0	62.0	72.5	79.4	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 4000	7.0	64.0	75.1	82.4	86.2	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 3500	7.0	65.6	77.1	84.7	88.9	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 3000	7.0	70.0	82.8	91.1	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 2500	7.0	70.5	83.4	91.8	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 2000	7.0	71.3	84.3	93.0	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1800	7.0	71.4	84.4	93.2	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1500	7.0	71.9	85.1	94.3	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1200	7.0	72.0	85.2	94.5	98.8	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	7.0	72.2	85.3	94.7	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	7.0	72.3	85.4	94.8	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	7.0	72.3	85.4	94.8	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	7.0	72.3	85.4	94.8	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	7.0	72.3	85.4	94.8	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	7.0	72.3	85.4	94.8	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	7.0	72.3	85.4	94.8	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	7.0	72.3	85.4	94.9	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	7.0	72.3	85.4	94.9	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	7.0	72.3	85.4	94.9	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	7.0	72.3	85.4	94.9	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS - DAY

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING	4.4	37.6	45.3	49.6	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 18000	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 16000	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 14000	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 12000	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 10000	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 9000	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 8000	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 7000	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 6000	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 5000	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 4500	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 4000	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 3500	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 3000	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 2500	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 2000	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 1800	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 1500	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 1200	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 1000	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 900	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 800	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 700	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 600	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 500	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 400	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 300	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 200	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 100	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 0	5.2	46.8	55.6	61.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LT

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0.16	≥ 0
NO CEILING	4.3	37.8	47.2	51.3	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
IV 20000	4.7	47.8	58.4	63.5	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 18000	4.9	48.8	59.4	64.5	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 16000	4.9	48.8	59.4	64.5	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 14000	4.9	49.9	61.0	66.2	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 12000	4.9	52.5	64.0	69.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 10000	4.9	56.6	68.5	74.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 9000	4.9	56.6	68.5	74.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 8000	4.9	61.3	73.8	80.4	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 7000	4.9	63.0	76.0	83.1	85.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 6000	4.9	63.4	76.5	83.7	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 5000	4.9	64.9	78.4	86.0	88.7	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 4500	4.9	65.6	79.2	87.1	90.8	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 4000	4.9	66.5	80.8	89.2	92.3	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 3500	4.9	67.4	82.0	91.0	94.2	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 3000	4.9	68.7	83.8	93.0	96.5	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 2500	4.9	69.2	84.3	93.7	97.1	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 2000	4.9	69.6	84.6	94.0	97.5	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1800	4.9	69.7	84.7	94.1	97.6	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1500	4.9	69.9	84.9	94.5	98.2	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	4.9	69.9	84.9	94.5	98.2	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1000	4.9	70.0	85.1	94.6	98.3	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 900	4.9	70.0	85.1	94.6	98.3	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 800	4.9	70.1	85.3	94.8	98.6	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	4.9	70.2	85.4	94.9	98.7	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	4.9	70.2	85.4	94.9	98.7	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	4.9	70.2	85.5	95.2	98.9	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	4.9	70.2	85.5	95.2	98.9	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	4.9	70.2	85.5	95.2	98.9	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	4.9	70.2	85.5	95.2	98.9	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	4.9	70.2	85.5	95.2	98.9	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	4.9	70.2	85.5	95.2	98.9	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	3.4	43.1	52.3	56.5	58.1	58.2	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 20000	3.7	49.7	61.0	66.3	68.6	68.7	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 18000	4.0	50.5	61.9	67.3	69.6	69.7	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 16000	4.0	50.5	61.9	67.3	69.6	69.7	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 14000	4.0	51.5	63.0	68.4	70.6	70.8	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 12000	4.0	53.3	64.8	70.8	72.8	72.9	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 10000	4.0	56.6	68.9	75.1	77.4	77.5	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 9000	4.0	56.9	69.2	75.4	77.7	77.8	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 8000	4.2	61.4	74.3	81.0	83.3	83.4	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 7000	4.2	62.6	75.6	82.4	85.1	85.2	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 6000	4.2	62.8	75.8	82.6	85.3	85.4	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 5000	4.2	64.5	77.6	84.9	88.2	88.4	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 4500	4.2	64.9	78.2	85.8	89.0	89.2	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 4000	4.2	66.3	80.1	87.8	91.3	91.6	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 3500	4.2	67.0	80.9	88.6	92.0	92.6	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 3000	4.3	68.3	82.5	90.3	94.1	94.7	95.8	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 2500	4.3	68.7	82.9	90.8	94.5	95.2	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 2000	4.3	69.1	83.5	91.4	95.3	95.9	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1800	4.3	69.2	83.7	91.5	95.4	96.0	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1500	4.3	69.6	84.2	92.2	96.1	96.8	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1200	4.3	69.6	84.2	92.2	96.3	97.0	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1000	4.3	69.8	84.4	92.4	96.7	97.3	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 900	4.3	69.8	84.4	92.4	96.7	97.4	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 800	4.3	69.8	84.4	92.4	96.7	97.4	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 700	4.3	69.8	84.4	92.4	96.7	97.4	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 600	4.3	69.8	84.4	92.4	96.7	97.4	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 500	4.3	70.1	85.2	93.2	97.7	98.5	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	4.3	70.1	85.2	93.2	97.7	98.5	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	4.3	70.2	85.3	93.3	98.1	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	4.3	70.2	85.3	93.3	98.1	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	4.3	70.2	85.3	93.3	98.1	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	4.3	70.2	85.3	93.3	98.1	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	3.9	40.6	48.7	56.8	59.9	60.6	61.1	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 20000	3.9	46.6	56.5	65.8	69.8	70.5	71.2	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IV 18000	4.2	47.2	57.4	67.0	71.0	71.7	72.4	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 16000	4.2	47.2	57.4	67.0	71.0	71.7	72.4	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 14000	4.2	48.3	58.5	68.1	72.0	72.8	73.4	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 12000	4.2	49.6	60.3	70.1	74.1	74.8	75.6	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 10000	4.4	53.8	64.6	75.2	79.5	80.2	81.0	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 9000	4.4	53.8	64.6	75.2	79.5	80.2	81.0	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 8000	4.4	56.1	67.7	78.4	83.1	84.0	84.7	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 7000	4.4	57.3	69.1	79.9	84.7	85.6	86.3	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 6000	4.4	57.6	69.6	80.4	85.3	86.1	86.9	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 5000	4.4	59.5	71.5	82.4	87.2	88.1	88.8	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 4500	4.4	59.6	71.8	82.9	87.7	88.6	89.4	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 4000	4.4	60.6	73.0	84.1	88.9	89.9	90.6	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 3500	4.4	61.1	73.5	84.6	89.5	90.4	91.2	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 3000	4.5	62.2	74.8	86.1	91.3	92.3	93.0	93.3	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7
IV 2500	4.7	62.8	75.3	86.6	91.7	92.8	93.5	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2
IV 2000	4.8	63.4	76.2	87.5	92.9	94.1	94.8	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5
IV 1800	4.8	63.4	76.3	87.6	93.0	94.2	94.9	95.3	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6
IV 1500	4.9	63.5	76.5	87.7	93.1	94.3	95.1	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7
IV 1200	4.9	63.8	76.8	88.1	93.7	94.8	95.6	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2
IV 1000	4.9	63.9	77.2	88.5	94.2	95.4	96.1	96.5	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
IV 900	4.9	64.1	77.5	88.8	94.6	95.9	96.7	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
IV 800	4.9	64.2	78.1	89.4	95.2	96.5	97.2	97.5	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0
IV 700	4.9	64.3	78.2	89.5	95.3	96.6	97.3	97.6	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1
IV 600	4.9	64.5	78.5	89.8	95.8	97.1	97.8	98.2	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 500	5.1	64.8	78.8	90.3	96.6	97.8	98.6	98.9	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	5.1	64.8	78.9	90.5	96.9	98.4	99.1	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	5.1	64.8	78.9	90.5	96.9	98.4	99.1	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	5.1	64.8	78.9	90.5	96.9	98.4	99.1	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	5.1	64.8	78.9	90.5	96.9	98.5	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	5.1	64.8	78.9	90.5	96.9	98.5	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

1111

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	2.8	31.0	39.6	45.1	52.5	54.6	56.1	57.0	57.0	57.2	57.4	57.4	57.8	57.8	57.8	58.0
IV 20000	3.0	34.9	45.2	51.8	61.2	63.8	65.7	66.8	66.9	67.1	67.3	67.3	67.7	67.7	67.7	67.8
IV 18000	3.1	35.1	45.8	52.6	61.8	64.4	66.3	67.4	67.5	67.7	68.0	68.0	68.4	68.4	68.4	68.5
IV 16000	3.1	35.1	45.8	52.8	62.0	64.7	66.7	67.7	67.8	68.1	68.3	68.3	68.7	68.7	68.7	68.8
IV 14000	3.1	35.5	46.3	53.4	62.7	65.4	67.3	68.4	68.5	68.7	68.9	68.9	69.4	69.4	69.4	69.5
IV 12000	3.1	36.6	47.8	55.2	64.5	67.3	69.2	70.3	70.8	70.6	70.9	70.9	71.3	71.3	71.3	71.8
IV 10000	3.2	38.6	50.3	58.1	68.1	70.9	72.9	74.0	74.1	74.3	74.5	74.6	75.1	75.1	75.1	75.2
IV 9000	3.2	38.6	50.3	58.1	68.1	70.9	72.9	74.0	74.1	74.3	74.5	74.6	75.1	75.1	75.1	75.2
IV 8000	3.2	41.2	53.4	61.7	72.3	75.1	77.1	78.3	78.4	78.6	78.8	78.9	79.4	79.4	79.4	79.5
IV 7000	3.2	42.2	54.5	62.8	73.7	76.5	78.5	79.7	79.8	80.0	80.2	80.3	80.8	80.8	80.8	80.9
IV 6000	3.2	42.3	54.6	63.1	74.0	76.8	78.8	80.0	80.1	80.3	80.5	80.6	81.1	81.1	81.1	81.2
IV 5000	3.2	43.5	56.2	64.8	75.8	78.6	80.6	81.8	81.9	82.2	82.4	82.5	82.9	82.9	82.9	83.0
IV 4500	3.2	43.5	56.5	65.1	76.2	79.0	81.1	82.3	82.4	82.6	82.8	82.9	83.3	83.3	83.3	83.4
IV 4000	3.2	44.4	57.5	66.2	77.6	80.5	82.6	83.8	83.9	84.1	84.3	84.4	84.8	84.8	84.8	84.9
IV 3500	3.2	44.7	57.8	66.7	78.1	81.0	83.0	84.2	84.3	84.5	84.7	84.8	85.3	85.3	85.3	85.4
IV 3000	3.2	45.5	58.8	67.8	79.9	82.3	84.4	85.6	85.7	85.9	86.1	86.2	86.7	86.7	86.7	86.8
IV 2500	3.3	45.7	59.1	68.5	80.0	82.9	85.1	86.2	86.3	86.6	86.8	86.9	87.3	87.3	87.3	87.4
IV 2000	3.4	46.7	60.2	69.6	81.7	84.1	86.2	87.8	87.5	87.7	88.0	88.1	88.5	88.5	88.5	88.6
IV 1800	3.4	46.8	60.3	69.7	81.3	84.3	86.5	87.6	87.7	88.0	88.2	88.3	88.7	88.7	88.7	88.8
IV 1500	3.4	47.4	61.0	70.3	81.9	84.9	87.1	88.3	88.4	88.6	88.8	88.9	89.3	89.3	89.3	89.5
IV 1200	3.4	48.0	61.7	71.2	83.0	86.0	88.2	89.4	89.5	89.7	89.9	90.0	90.4	90.4	90.4	90.5
IV 1000	3.4	48.2	62.0	71.6	83.7	86.7	88.9	90.1	90.2	90.4	90.6	90.8	91.2	91.2	91.2	91.3
IV 900	3.4	48.3	62.2	71.8	84.0	87.0	89.5	90.6	90.8	91.0	91.2	91.3	91.7	91.7	91.7	91.8
IV 800	3.4	48.6	62.6	72.4	84.9	88.0	90.4	91.6	91.8	92.0	92.3	92.8	92.8	92.8	92.8	92.9
IV 700	3.4	48.8	62.9	72.9	85.6	88.7	91.2	92.7	92.9	93.1	93.3	93.4	93.9	93.9	93.9	94.0
IV 600	3.4	49.1	63.3	73.7	86.3	89.5	92.0	93.5	93.8	94.0	94.2	94.3	94.8	94.8	94.8	94.9
IV 500	3.4	49.2	63.4	73.8	86.7	90.0	92.7	94.3	94.5	94.7	94.9	95.1	95.6	95.6	95.6	95.7
IV 400	3.4	49.4	63.7	74.0	87.7	91.4	94.2	96.1	96.5	96.8	97.0	97.1	97.6	97.6	97.6	97.7
IV 300	3.4	49.4	63.7	74.0	87.8	91.5	94.3	96.2	96.7	97.0	97.3	97.4	98.1	98.1	98.1	98.2
IV 200	3.4	49.4	63.7	74.0	87.8	91.6	94.4	96.3	96.9	97.3	97.6	97.9	98.2	98.2	98.2	98.3
IV 100	3.4	49.4	63.7	74.0	87.8	91.6	94.4	96.3	96.9	97.3	97.6	97.9	98.2	98.2	98.2	98.3
IV 0	3.4	49.4	63.7	74.0	87.8	91.6	94.4	96.3	96.9	97.3	97.6	97.9	98.2	98.2	98.2	98.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	4.2	37.3	45.4	51.0	54.5	55.2	55.7	55.9	56.0	56.0	56.1	56.1	56.2	56.2	56.2	56.2
≥ 20000	4.6	44.0	53.5	60.2	64.4	65.1	65.8	66.0	66.1	66.2	66.2	66.3	66.3	66.4	66.4	66.4
IV 18000	4.7	44.5	54.1	60.9	65.1	65.8	66.4	66.7	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.0
IV 16000	4.7	44.5	54.1	61.0	65.1	65.9	66.5	66.8	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.1
IV 14000	4.8	45.6	55.4	62.4	66.6	67.4	68.0	68.3	68.4	68.5	68.5	68.5	68.6	68.6	68.7	68.7
IV 12000	4.8	47.6	57.7	65.0	69.4	70.1	70.8	71.1	71.2	71.3	71.3	71.3	71.4	71.4	71.5	71.5
IV 10000	4.9	50.8	61.5	69.2	73.7	74.5	75.2	75.5	75.6	75.6	75.7	75.7	75.8	75.8	75.8	75.8
IV 9000	4.9	51.0	61.8	69.4	74.0	74.8	75.4	75.8	75.8	75.9	76.0	76.0	76.1	76.1	76.1	76.1
IV 8000	4.9	54.4	65.6	73.7	78.4	79.3	80.0	80.3	80.4	80.5	80.6	80.6	80.7	80.7	80.7	80.7
IV 7000	4.9	55.8	67.2	75.3	80.2	81.0	81.8	82.1	82.2	82.3	82.3	82.4	82.4	82.5	82.5	82.5
IV 6000	4.9	56.3	67.7	76.0	80.9	81.7	82.5	82.8	82.9	83.0	83.0	83.0	83.1	83.1	83.2	83.2
IV 5000	5.0	57.5	69.1	77.6	82.7	83.6	84.3	84.7	84.8	84.9	84.9	84.9	85.0	85.0	85.1	85.1
IV 4500	5.0	57.9	69.6	78.2	83.3	84.2	85.0	85.3	85.4	85.5	85.6	85.6	85.7	85.7	85.7	85.7
IV 4000	5.0	59.1	71.2	80.0	85.3	86.3	87.1	87.5	87.6	87.7	87.7	87.7	87.8	87.9	87.9	87.9
IV 3500	5.0	59.9	72.2	81.2	86.7	87.8	88.6	88.9	89.0	89.1	89.1	89.2	89.3	89.3	89.3	89.3
IV 3000	5.0	61.7	74.5	84.0	89.8	90.8	91.6	92.0	92.1	92.2	92.3	92.3	92.4	92.4	92.4	92.4
IV 2500	5.1	62.1	75.0	84.6	90.4	91.5	92.3	92.6	92.7	92.8	92.9	92.9	93.0	93.1	93.1	93.1
IV 2000	5.1	62.6	75.7	85.4	91.2	92.3	93.1	93.5	93.6	93.7	93.8	93.8	93.9	94.0	94.0	94.0
IV 1800	5.1	62.9	76.0	85.8	91.7	92.8	93.6	94.0	94.1	94.2	94.2	94.3	94.4	94.4	94.4	94.4
IV 1500	5.1	63.3	76.5	86.4	92.3	93.5	94.3	94.7	94.8	94.9	94.9	95.0	95.1	95.1	95.1	95.1
IV 1200	5.1	63.5	76.8	86.9	93.8	94.1	95.0	95.4	95.4	95.6	95.6	95.6	95.8	95.8	95.8	95.8
IV 1000	5.1	63.7	77.2	87.4	93.7	94.8	95.8	96.2	96.2	96.4	96.4	96.5	96.6	96.6	96.6	96.6
IV 900	5.1	63.8	77.4	87.7	94.0	95.2	96.2	96.6	96.6	96.8	96.8	96.9	97.0	97.0	97.0	97.0
IV 800	5.1	63.9	77.6	88.0	94.4	95.6	96.6	97.0	97.1	97.2	97.3	97.3	97.4	97.4	97.5	97.5
IV 700	5.1	64.0	77.7	88.2	94.6	95.8	96.9	97.3	97.4	97.6	97.6	97.7	97.8	97.8	97.8	97.8
IV 600	5.1	64.1	77.9	88.5	95.1	96.4	97.4	97.8	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.4
IV 500	5.1	64.2	78.1	88.8	95.5	96.9	97.9	98.4	98.5	98.7	98.8	98.8	98.9	98.9	98.9	99.0
IV 400	5.1	64.2	78.2	88.8	95.7	97.1	98.2	98.8	98.9	99.1	99.2	99.2	99.3	99.4	99.4	99.4
IV 300	5.1	64.2	78.2	88.9	95.8	97.2	98.4	98.9	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.6
IV 200	5.1	64.2	78.2	88.9	95.8	97.2	98.4	99.0	99.2	99.3	99.5	99.6	99.7	99.8	99.8	99.9
IV 100	5.1	64.2	78.2	88.9	95.8	97.3	98.4	99.0	99.2	99.4	99.6	99.6	99.8	99.8	99.9	100.0
IV 0	5.1	64.2	78.2	88.9	95.8	97.3	98.4	99.0	99.2	99.4	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7880

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030 POPE AFB NC

74-83

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	3.5	22.4	33.5	43.9	49.4	51.8	53.4	54.6	54.9	55.4	55.5	55.6	55.9	56.0	56.0	56.0
≥ 20000	3.8	26.0	38.5	49.9	56.0	58.6	60.6	62.3	62.7	63.2	63.3	63.4	63.8	63.9	63.9	63.9
IV 18000	3.8	26.0	38.5	49.9	56.0	58.6	60.6	62.3	62.7	63.2	63.3	63.4	63.8	63.9	63.9	63.9
IV 16000	3.8	26.0	38.5	49.9	56.0	58.6	60.6	62.3	62.7	63.2	63.3	63.4	63.8	63.9	63.9	63.9
IV 14000	3.8	26.5	38.9	50.3	56.5	59.0	61.1	62.7	63.1	63.7	63.8	63.9	64.2	64.3	64.3	64.3
IV 12000	3.8	28.2	40.9	53.1	59.5	62.2	64.4	66.0	66.5	67.0	67.1	67.2	67.5	67.6	67.6	67.6
IV 10000	3.9	30.3	43.5	56.3	63.1	66.1	68.5	70.3	70.8	71.4	71.6	71.7	72.0	72.2	72.2	72.2
IV 9000	3.9	30.3	43.5	56.5	63.3	66.3	68.7	70.5	71.0	71.6	71.8	71.9	72.3	72.8	72.8	72.8
IV 8000	4.2	31.3	44.7	57.8	64.8	68.3	70.9	72.7	73.1	73.9	74.1	74.2	74.5	74.6	74.6	74.6
IV 7000	4.3	31.7	45.3	58.5	65.5	69.0	71.6	73.4	73.9	74.6	74.8	74.9	75.4	75.5	75.5	75.5
IV 6000	4.3	32.4	45.9	59.1	66.1	69.7	72.3	74.1	74.5	75.3	75.5	75.6	76.0	76.1	76.1	76.1
IV 5000	4.3	33.3	47.0	60.3	67.3	71.0	73.6	75.4	75.8	76.2	77.0	77.2	77.3	77.7	77.8	77.8
IV 4500	4.5	33.5	47.2	60.5	67.8	71.6	74.2	76.0	76.5	77.2	77.4	77.5	78.0	78.1	78.1	78.1
IV 4000	4.5	34.2	48.2	61.6	69.0	72.9	75.5	77.3	77.7	78.5	78.7	78.8	79.2	79.4	79.4	79.4
IV 3500	4.5	34.3	48.4	61.9	69.5	73.3	75.9	77.7	78.2	78.9	79.1	79.2	79.7	79.8	79.8	79.8
IV 3000	4.5	34.3	48.5	62.2	69.9	73.9	76.5	78.4	78.8	79.7	79.9	80.0	80.4	80.5	80.5	80.5
IV 2500	4.5	34.5	48.7	62.5	70.2	74.2	77.1	78.9	79.4	80.3	80.5	80.6	81.1	81.2	81.2	81.2
IV 2000	4.5	34.6	48.8	62.8	70.3	74.3	77.2	79.0	79.5	80.4	81.1	81.2	81.6	81.7	81.7	81.7
IV 1800	4.5	34.6	48.8	62.8	70.3	74.3	77.2	79.0	79.5	80.4	81.1	81.2	81.6	81.7	81.7	81.7
IV 1500	4.5	34.8	49.0	62.9	70.6	74.7	77.6	79.4	80.2	81.2	81.5	81.6	82.0	82.2	82.2	82.2
IV 1200	4.5	34.8	49.0	62.9	70.6	74.7	77.6	79.4	80.2	81.2	81.5	81.6	82.0	82.2	82.2	82.2
IV 1000	4.5	35.1	49.8	64.5	72.5	76.6	79.5	81.9	82.4	83.3	83.7	83.8	84.2	84.3	84.3	84.3
IV 900	4.5	35.9	50.4	65.5	73.4	77.7	80.6	83.2	83.7	84.6	84.9	85.1	85.5	85.6	85.6	85.6
IV 800	4.6	36.2	50.9	66.8	74.9	79.4	82.4	84.9	85.4	86.3	86.7	86.8	87.2	87.3	87.3	87.3
IV 700	4.6	36.7	51.3	67.0	75.8	80.4	83.4	86.0	86.5	87.4	87.7	87.8	88.3	88.4	88.4	88.4
IV 600	4.6	36.7	51.3	67.7	76.7	81.3	84.3	86.9	87.4	88.3	88.5	88.6	89.0	89.1	89.1	89.1
IV 500	4.6	36.7	51.7	68.5	76.3	81.9	84.9	87.2	87.7	88.6	88.9	89.0	89.4	89.5	89.5	89.5
IV 400	4.6	36.8	51.8	68.8	76.8	82.4	85.4	87.7	88.2	89.1	89.4	89.5	89.9	90.0	90.0	90.0
IV 300	4.6	36.8	51.8	68.7	76.9	82.4	85.4	87.7	88.2	89.1	89.4	89.5	89.9	90.0	90.0	90.0
IV 200	4.6	36.8	51.8	68.7	76.9	82.4	85.4	87.7	88.2	89.1	89.4	89.5	89.9	90.0	90.0	90.0
IV 100	4.6	36.8	51.8	68.7	76.9	82.4	85.4	87.7	88.2	89.1	89.4	89.5	89.9	90.0	90.0	90.0
IV 0	4.6	36.8	51.8	68.7	76.9	82.4	85.4	87.7	88.2	89.1	89.4	89.5	89.9	90.0	90.0	90.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	6.0	43.0	50.1	56.2	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 20000	6.2	49.6	57.6	64.2	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 18000	6.3	50.0	58.1	64.6	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000	6.3	50.1	58.2	64.7	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 14000	6.3	51.1	59.2	65.9	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 12000	6.5	53.5	62.4	69.1	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 10000	6.6	57.0	66.6	73.7	75.8	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 9000	6.6	57.4	67.0	74.3	76.5	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 8000	6.8	59.6	69.7	77.2	79.4	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 7000	6.8	60.8	70.2	77.8	80.0	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 6000	6.8	60.0	70.3	78.0	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 5000	6.8	60.3	70.8	78.5	80.8	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4500	6.9	60.8	71.2	78.9	81.3	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4000	7.0	61.4	72.4	80.6	83.1	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3500	7.0	62.5	73.2	81.5	84.0	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3000	7.0	64.0	75.1	84.0	86.5	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	7.0	64.7	76.1	85.4	88.1	88.5	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2000	7.0	66.1	77.5	86.9	89.8	90.3	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1800	7.0	66.5	77.8	87.2	90.1	90.6	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1500	7.0	67.7	79.4	88.9	91.9	92.6	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200	7.0	68.5	80.2	89.9	92.9	93.5	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000	7.0	69.7	81.3	91.6	95.1	95.7	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900	7.1	69.2	81.4	91.9	95.4	96.0	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	7.1	69.4	81.6	92.4	95.8	96.6	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	7.1	69.6	82.0	92.8	96.2	97.1	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	7.1	69.7	82.2	92.9	96.3	97.2	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	7.1	69.7	82.4	93.3	97.0	98.1	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	7.1	69.8	82.5	93.5	97.3	98.2	99.2	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 300	7.1	69.8	82.5	93.4	97.1	98.2	99.2	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200	7.1	69.8	82.5	93.4	97.2	98.3	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	7.1	69.8	82.5	93.4	97.2	98.3	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	7.1	69.8	82.5	93.4	97.2	98.3	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030 POPE AFB NC

74-83

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	7.0	41.3	47.0	51.3	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 20000	8.3	49.7	56.2	61.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 18000	8.3	50.3	56.9	61.6	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 16000	8.3	50.6	57.2	61.9	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 14000	8.3	51.8	58.5	63.8	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 12000	8.3	55.2	62.0	67.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 10000	8.5	58.0	65.2	70.6	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 9000	8.5	58.5	65.7	71.2	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 8000	8.7	61.9	69.5	75.2	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 7000	8.7	62.3	69.8	75.6	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 6000	8.7	62.3	69.8	75.6	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 5000	8.7	62.9	70.5	76.8	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 4500	8.7	63.7	71.5	77.8	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 4000	8.9	66.1	73.2	80.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 3500	9.5	68.7	77.1	84.2	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 3000	9.8	73.3	82.9	90.9	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 2500	9.8	74.8	84.8	92.9	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 2000	9.9	76.1	86.1	94.5	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1800	9.9	76.2	86.5	94.6	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1500	9.9	76.6	87.1	95.8	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1200	9.9	76.7	87.4	95.8	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1000	9.9	76.9	87.7	96.1	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 900	9.9	76.9	87.7	96.1	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	9.9	76.9	87.8	96.2	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	9.9	76.9	87.8	96.2	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	9.9	76.9	87.8	96.2	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	9.9	76.9	87.8	96.2	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	9.9	76.9	87.8	96.3	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	9.9	76.9	87.8	96.3	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	9.9	76.9	87.8	96.3	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	9.9	76.9	87.8	96.3	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	9.9	76.9	87.8	96.3	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030 POPE AFB NC

74-83

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	6.5	38.8	47.3	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 20000	7.3	48.3	57.8	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 18000	7.4	48.6	58.2	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 16000	7.4	48.6	58.2	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 14000	7.4	49.6	59.2	63.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 12000	7.4	52.2	61.9	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 10000	7.5	57.4	67.7	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 9000	7.5	58.1	68.5	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 8000	7.5	61.4	72.5	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 7000	7.5	61.8	73.0	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 6000	7.5	61.9	73.1	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 5000	7.5	63.2	74.4	80.8	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 4500	7.5	64.6	76.3	82.9	83.7	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 4000	8.1	66.9	79.2	86.0	86.8	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 3500	8.3	68.7	81.4	88.2	89.1	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 3000	8.4	72.6	86.3	93.3	94.6	95.4	95.5	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
IV 2500	8.4	72.9	86.9	94.1	95.7	96.5	96.6	96.7	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0
IV 2000	8.4	73.9	88.0	95.3	97.0	98.0	98.2	98.3	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 1800	8.4	74.0	88.1	95.5	97.2	98.2	98.4	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8
IV 1500	8.4	74.2	88.4	95.9	97.6	98.6	98.8	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	8.4	74.2	88.6	96.1	97.8	98.8	99.0	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	8.4	74.2	88.6	96.2	98.0	98.9	99.1	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.7	99.7
IV 900	8.4	74.3	88.7	96.3	98.1	99.0	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8
IV 800	8.4	74.3	88.8	96.5	98.2	99.1	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9
IV 700	8.4	74.3	88.8	96.5	98.2	99.1	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9
IV 600	8.4	74.3	88.8	96.5	98.3	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 500	8.4	74.3	88.8	96.5	98.3	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 400	8.4	74.3	88.8	96.5	98.3	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 300	8.4	74.3	88.8	96.5	98.3	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 200	8.4	74.3	88.8	96.5	98.3	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 100	8.4	74.3	88.8	96.5	98.3	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 0	8.4	74.3	88.8	96.5	98.3	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET:	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5-16	≥0
NO CEILING ≥ 20000	6.0	44.5	52.3	55.8	56.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 18000	6.7	55.1	64.7	68.8	69.4	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 16000	6.7	55.1	64.7	68.8	69.4	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 14000	6.7	56.1	65.9	70.1	70.6	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 12000	6.7	58.6	68.5	73.0	73.5	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 10000	6.7	64.4	75.3	80.1	80.6	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 9000	6.7	65.1	75.9	80.8	81.3	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 8000	6.8	67.6	79.0	84.2	84.8	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 7000	6.8	68.6	80.1	85.3	86.1	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 6000	6.8	68.6	80.1	85.3	86.1	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 5000	6.8	69.8	81.7	87.1	88.2	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 4500	6.8	70.9	82.9	88.5	90.8	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 4000	6.8	72.3	84.9	90.9	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 3500	6.8	72.7	85.7	91.6	93.1	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 3000	6.8	74.3	87.7	94.1	96.0	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 2500	6.8	74.4	88.3	94.7	96.8	97.3	97.6	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 2000	6.8	74.6	88.3	94.8	96.9	97.5	97.7	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1800	6.8	74.6	88.3	94.8	96.9	97.4	97.7	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1500	6.8	74.8	88.5	95.1	97.1	97.6	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1200	6.8	74.8	88.6	95.5	97.6	98.2	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1000	6.8	74.8	88.7	95.7	97.8	98.4	98.8	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	6.8	74.8	88.7	95.7	97.8	98.4	98.8	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 800	6.8	75.1	89.0	96.0	98.2	98.7	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	6.8	75.2	89.1	96.1	98.3	98.8	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	6.8	75.2	89.1	96.1	98.3	98.8	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	6.8	75.2	89.1	96.1	98.3	98.8	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	6.8	75.2	89.1	96.1	98.3	98.8	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	6.8	75.2	89.1	96.1	98.3	98.8	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	6.8	75.2	89.1	96.1	98.3	98.8	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	6.8	75.2	89.1	96.1	98.3	98.8	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	6.8	75.2	89.1	96.1	98.3	98.8	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	5.9	49.6	59.0	64.5	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 20000	6.0	54.9	66.2	73.0	73.8	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 18000	6.0	55.1	66.6	73.4	74.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 16000	6.0	55.7	66.6	73.4	74.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 14000	6.0	55.4	67.2	74.1	74.8	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 12000	6.0	56.3	68.9	75.8	76.6	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 10000	6.0	61.5	74.5	82.0	82.9	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 9000	6.1	62.0	75.1	82.6	83.4	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 8000	6.1	64.0	77.3	84.9	85.9	86.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 7000	6.1	64.5	77.8	86.0	87.0	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 6000	6.1	64.6	78.1	86.2	87.2	87.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 5000	6.1	65.1	79.0	88.0	88.9	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 4500	6.1	65.7	80.0	89.0	90.3	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 4000	6.1	66.6	81.1	90.3	91.7	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 3500	6.1	66.8	81.4	90.6	92.0	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 3000	6.1	68.3	83.3	93.1	95.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 2500	6.1	68.7	84.2	94.0	96.2	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 2000	6.1	68.7	84.2	94.1	96.6	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1800	6.1	68.7	84.2	94.1	96.6	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1500	6.1	68.7	84.3	94.3	96.8	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1200	6.1	68.8	84.4	94.4	96.9	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1000	6.1	69.0	84.6	94.6	97.2	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 900	6.1	69.4	84.9	94.9	97.5	98.3	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
IV 800	6.1	69.7	85.3	95.3	97.8	98.6	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	6.1	69.9	85.5	95.5	98.1	98.8	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	6.1	69.9	85.6	95.6	98.3	99.0	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	6.1	69.9	85.7	95.7	98.4	99.1	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	6.1	69.9	85.7	95.7	98.4	99.1	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	6.1	69.9	85.7	95.7	98.4	99.1	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	6.1	69.9	85.7	95.7	98.4	99.1	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	6.1	69.9	85.7	95.7	98.4	99.1	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	6.1	69.9	85.7	95.7	98.4	99.1	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

STATION NAME

78-83

YEARS

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5-16	≥ ¼	≥ 0
NO CEILING	6.0	42.7	52.2	61.1	64.5	65.2	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1
≥ 20000	6.2	49.2	60.1	71.0	74.8	75.5	76.1	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6
≥ 18000	6.2	49.4	60.2	71.1	74.9	75.6	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7
≥ 16000	6.2	49.4	60.2	71.1	74.9	75.6	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7
≥ 14000	6.2	49.5	60.3	71.2	75.1	75.7	76.3	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8
≥ 12000	6.2	50.3	61.6	72.5	76.5	77.1	77.7	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2
≥ 10000	6.3	53.2	65.6	76.9	81.3	82.0	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1
≥ 9000	6.3	53.7	66.0	77.3	81.7	82.5	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5
≥ 8000	6.3	55.7	68.3	80.1	84.8	85.6	86.2	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7
≥ 7000	6.3	55.7	68.4	80.4	85.2	85.9	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0
≥ 6000	6.3	56.0	68.9	81.2	85.9	86.7	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7
≥ 5000	6.3	56.8	69.8	82.6	87.4	88.2	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2
≥ 4500	6.5	57.5	70.5	83.4	88.3	89.0	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1
≥ 4000	6.5	58.0	71.0	84.2	89.2	90.7	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2
≥ 3500	6.5	58.7	71.7	84.9	90.0	90.9	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9
≥ 3000	6.5	59.9	73.3	86.9	92.4	93.3	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4
≥ 2500	6.5	60.4	74.2	87.7	93.2	94.2	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3
≥ 2000	6.5	60.5	74.4	88.0	93.4	94.4	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6
≥ 1800	6.5	60.5	74.4	88.0	93.4	94.4	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6
≥ 1500	6.5	60.8	74.8	88.5	94.0	94.9	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.1	96.2	96.2
≥ 1200	6.5	60.9	75.1	88.7	94.2	95.2	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.3	96.5	96.5
≥ 1000	6.5	60.9	75.3	89.0	94.6	95.6	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.9	97.0	97.0
≥ 900	6.5	61.0	75.4	89.1	94.7	95.7	96.5	96.8	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.1
≥ 800	6.5	61.2	75.6	89.4	95.2	96.1	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.6
≥ 700	6.5	61.4	76.0	90.1	95.7	96.7	97.4	97.8	98.1	98.1	98.1	98.1	98.2	98.2	98.3	98.3
≥ 600	6.5	61.5	76.1	90.2	95.8	96.8	97.5	98.0	98.2	98.2	98.2	98.2	98.2	98.3	98.4	98.4
≥ 500	6.5	61.5	76.3	90.8	96.3	97.4	98.3	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.1	99.1
≥ 400	6.5	61.6	76.7	91.3	96.9	98.0	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.7	99.7
≥ 300	6.5	61.6	76.7	91.3	96.9	98.0	98.8	99.2	99.5	99.7	99.7	99.7	99.7	99.8	99.9	99.9
≥ 200	6.5	61.6	76.7	91.3	96.9	98.0	98.8	99.2	99.5	99.7	99.7	99.7	99.7	99.8	99.9	99.9
≥ 100	6.5	61.6	76.7	91.3	96.9	98.0	98.8	99.2	99.5	99.7	99.7	99.7	99.7	99.9	100.0	100.0
≥ 0	6.5	61.6	76.7	91.3	96.9	98.0	98.8	99.2	99.5	99.7	99.7	99.7	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 7-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030
STATION

POPE AFB NC

STATION NAME

74-83

YEARS

AUG

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	4.1	31.4	41.8	49.1	55.4	58.1	59.6	60.5	60.8	60.9	60.9	60.9	61.5	61.5	61.5	61.5
IV 18000	4.1	36.1	48.0	57.1	64.6	67.5	69.5	70.6	70.9	71.0	71.0	71.0	71.0	71.6	71.6	71.6
IV 16000	4.1	36.1	48.0	57.1	64.6	67.5	69.5	70.6	70.9	71.0	71.0	71.0	71.0	71.6	71.6	71.6
IV 14000	4.1	36.7	48.5	57.6	65.3	68.2	70.1	71.3	71.5	71.6	71.6	71.6	71.6	72.3	72.3	72.3
IV 12000	4.1	38.0	50.1	59.2	66.9	69.8	71.7	72.9	73.1	73.2	73.2	73.2	73.2	73.9	73.9	73.9
IV 10000	4.2	40.2	53.1	62.3	70.0	73.0	74.9	76.1	76.3	76.5	76.5	76.5	76.5	77.1	77.1	77.1
IV 9000	4.2	40.2	53.1	62.3	70.0	73.0	74.9	76.1	76.3	76.5	76.5	76.5	76.5	77.1	77.1	77.1
IV 8000	4.2	41.7	54.6	64.0	72.3	75.4	77.5	78.9	79.1	79.2	79.2	79.2	79.2	79.9	79.9	79.9
IV 7000	4.2	41.7	54.6	64.0	72.3	75.4	77.5	78.9	79.1	79.2	79.2	79.2	79.2	79.9	79.9	79.9
IV 6000	4.2	41.9	55.2	65.2	73.7	76.9	79.0	80.5	80.9	81.0	81.0	81.0	81.0	81.6	81.6	81.6
IV 5000	4.2	42.7	56.3	66.3	74.8	78.1	80.2	81.7	82.0	82.2	82.2	82.2	82.2	82.8	82.8	82.8
IV 4500	4.3	43.2	56.9	66.9	75.4	78.6	80.8	82.4	82.7	82.8	82.8	82.8	82.8	83.4	83.4	83.4
IV 4000	4.3	43.8	57.4	67.4	75.9	79.1	81.4	83.1	83.4	83.5	83.5	83.5	83.5	84.2	84.2	84.2
IV 3500	4.3	44.1	58.1	68.1	76.6	79.8	82.0	83.8	84.1	84.2	84.2	84.2	84.2	84.8	84.8	84.8
IV 3000	4.3	45.2	59.2	69.4	78.0	81.4	84.0	85.7	86.0	86.1	86.1	86.1	86.1	86.8	86.8	86.8
IV 2500	4.3	45.3	59.5	69.6	78.4	81.8	84.4	86.1	86.5	86.6	86.6	86.6	86.6	87.2	87.2	87.2
IV 2000	4.3	46.0	60.2	70.3	79.2	82.8	85.5	87.3	87.6	87.7	87.7	87.7	87.7	88.4	88.4	88.4
IV 1800	4.3	46.0	60.2	70.3	79.2	82.8	85.5	87.3	87.6	87.7	87.7	87.7	87.7	88.4	88.4	88.4
IV 1500	4.3	46.0	60.2	70.3	79.2	82.8	85.5	87.3	87.6	87.7	87.7	87.7	87.7	88.4	88.4	88.4
IV 1200	4.3	46.0	60.2	70.3	79.2	82.8	85.5	87.3	87.6	87.7	87.7	87.7	87.7	88.4	88.4	88.4
IV 1000	4.3	46.3	60.8	71.3	80.5	84.3	87.0	88.8	89.1	89.2	89.2	89.2	89.2	89.9	89.9	89.9
IV 900	4.3	46.8	61.5	72.2	81.5	85.3	88.0	89.8	90.1	90.2	90.2	90.2	90.2	90.9	90.9	90.9
IV 800	4.3	47.1	61.9	72.8	82.6	86.6	89.3	91.1	91.4	91.5	91.5	91.5	91.5	92.2	92.2	92.2
IV 700	4.3	47.3	62.4	73.4	83.7	87.8	90.8	92.7	93.0	93.1	93.1	93.1	93.1	93.8	93.8	93.8
IV 600	4.3	47.3	62.7	74.3	84.6	89.0	92.2	94.2	94.5	94.6	94.6	94.6	94.6	95.3	95.3	95.3
IV 500	4.3	47.3	62.8	74.5	85.1	89.6	93.0	95.1	95.4	95.5	95.5	95.5	95.5	96.1	96.1	96.1
IV 400	4.3	47.3	62.8	74.5	85.4	89.9	93.3	95.8	96.2	96.3	96.3	96.3	96.3	97.1	97.1	97.1
IV 300	4.3	47.3	62.8	74.5	85.4	89.9	93.3	95.8	96.2	96.3	96.3	96.3	96.3	97.1	97.1	97.1
IV 200	4.3	47.3	62.8	74.5	85.5	90.0	93.3	96.0	96.5	96.7	96.7	96.7	96.7	97.2	97.2	97.2
IV 100	4.3	47.3	62.8	74.5	85.5	90.0	93.3	96.2	96.7	96.9	96.9	96.9	96.9	97.8	97.8	97.8
IV 0	4.3	47.3	62.8	74.5	85.5	90.0	93.3	96.2	96.7	96.9	96.9	96.9	96.9	97.8	97.8	97.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5-16	≥0
NO CEILING	5.6	39.2	47.9	54.2	56.7	57.5	58.0	58.3	58.3	58.4	58.4	58.4	58.4	58.6	58.6	58.6
≥ 20000	6.1	46.3	56.4	63.6	66.5	67.4	68.0	68.3	68.4	68.5	68.5	68.5	68.5	68.7	68.7	68.7
IV 18000	6.1	46.3	56.4	63.6	66.5	67.4	68.0	68.3	68.4	68.5	68.5	68.5	68.5	68.7	68.7	68.7
IV 16000	6.1	46.3	56.4	63.6	66.5	67.4	68.0	68.3	68.4	68.5	68.5	68.5	68.5	68.7	68.7	68.7
IV 14000	6.1	47.1	57.2	64.6	67.4	68.3	68.9	69.3	69.4	69.5	69.5	69.5	69.5	69.6	69.6	69.6
IV 12000	6.1	49.0	59.5	67.0	69.9	70.9	71.5	71.9	72.0	72.1	72.1	72.1	72.1	72.2	72.2	72.3
IV 10000	6.2	52.8	63.9	71.9	74.9	75.9	76.6	77.0	77.1	77.2	77.2	77.2	77.2	77.4	77.4	77.4
IV 9000	6.2	53.2	64.4	72.3	75.4	76.4	77.1	77.5	77.6	77.7	77.7	77.7	77.7	77.8	77.9	77.9
IV 8000	6.3	55.4	66.9	75.2	78.4	79.5	80.2	80.7	80.8	80.9	80.9	80.9	80.9	81.0	81.0	81.1
IV 7000	6.3	55.8	67.4	75.9	79.2	80.3	81.0	81.5	81.6	81.7	81.7	81.7	81.7	81.9	81.9	81.9
IV 6000	6.3	56.0	67.7	76.2	79.4	80.6	81.3	81.8	81.9	82.0	82.0	82.0	82.0	82.2	82.2	82.2
IV 5000	6.3	56.8	68.7	77.3	80.4	82.1	82.8	83.3	83.4	83.5	83.5	83.6	83.7	83.7	83.7	83.7
IV 4500	6.4	57.5	69.6	78.5	82.0	83.2	84.0	84.5	84.6	84.7	84.7	84.7	84.9	84.9	84.9	84.9
IV 4000	6.5	58.7	71.0	80.2	83.8	85.1	85.9	86.4	86.5	86.6	86.6	86.6	86.6	86.7	86.8	86.8
IV 3500	6.6	59.6	72.1	81.4	85.0	86.3	87.1	87.6	87.7	87.8	87.8	87.8	87.9	88.0	88.0	88.0
IV 3000	6.7	61.5	74.6	84.2	88.1	89.5	90.4	90.9	91.0	91.2	91.2	91.2	91.4	91.4	91.4	91.4
IV 2500	6.7	62.0	75.3	85.1	89.2	90.6	91.5	92.1	92.2	92.3	92.4	92.4	92.5	92.5	92.6	92.6
IV 2000	6.7	62.6	76.0	85.8	90.0	91.4	92.4	93.0	93.1	93.3	93.4	93.4	93.5	93.5	93.5	93.5
IV 1800	6.7	62.6	76.0	85.9	90.1	91.5	92.5	93.1	93.2	93.4	93.5	93.5	93.6	93.6	93.6	93.6
IV 1500	6.7	63.0	76.5	86.4	90.7	92.2	93.2	93.8	93.9	94.0	94.1	94.1	94.3	94.3	94.3	94.3
IV 1200	6.7	63.1	76.7	86.8	91.0	92.5	93.5	94.2	94.3	94.4	94.5	94.5	94.7	94.7	94.7	94.7
IV 1000	6.7	63.3	77.1	87.4	91.8	93.3	94.3	95.0	95.1	95.3	95.4	95.4	95.5	95.6	95.6	95.6
IV 900	6.7	63.5	77.4	87.7	92.2	93.7	94.7	95.4	95.5	95.7	95.8	95.8	95.9	96.0	96.0	96.0
IV 800	6.7	63.7	77.6	88.1	92.7	94.3	95.3	96.0	96.1	96.3	96.4	96.4	96.6	96.6	96.6	96.6
IV 700	6.7	63.9	77.9	88.5	93.1	94.8	95.8	96.5	96.7	96.9	96.9	96.9	97.1	97.1	97.1	97.1
IV 600	6.7	63.9	78.0	88.7	93.4	95.2	96.3	97.1	97.2	97.4	97.5	97.5	97.7	97.7	97.7	97.7
IV 500	6.7	63.9	78.1	89.0	93.8	95.7	96.9	97.7	97.9	98.1	98.1	98.2	98.3	98.4	98.4	98.4
IV 400	6.7	64.0	78.2	89.0	94.1	96.0	97.3	98.2	98.4	98.7	98.8	98.8	99.0	99.1	99.1	99.1
IV 300	6.7	64.0	78.2	89.1	94.2	96.0	97.4	98.3	98.5	98.8	98.8	99.0	99.2	99.3	99.3	99.4
IV 200	6.7	64.0	78.2	89.1	94.2	96.0	97.4	98.4	98.6	98.9	99.1	99.2	99.5	99.6	99.7	99.7
IV 100	6.7	64.0	78.2	89.1	94.2	96.0	97.4	98.5	98.7	98.9	99.2	99.3	99.7	99.8	99.9	99.9
IV 0	6.7	64.0	78.2	89.1	94.2	96.0	97.4	98.5	98.7	98.9	99.2	99.3	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7880

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5-16	≥0
NO CEILING	3.9	22.0	28.8	36.7	42.3	44.2	45.3	46.8	46.8	47.2	47.3	47.4	47.8	47.9	48.0	48.2
≥ 20000	4.8	24.6	31.9	40.3	46.8	48.8	50.2	52.0	52.2	52.8	52.9	53.0	53.4	53.6	53.7	53.9
≥ 18000	4.8	24.7	32.1	40.6	47.0	49.1	50.6	52.3	52.6	53.1	53.2	53.3	53.8	53.9	54.0	54.2
≥ 16000	4.8	24.7	32.1	40.6	47.0	49.1	50.6	52.3	52.6	53.1	53.2	53.3	53.8	53.9	54.0	54.2
≥ 14000	4.8	24.7	32.1	40.7	47.2	49.4	50.9	52.7	52.9	53.4	53.6	53.7	54.2	54.3	54.4	54.7
≥ 12000	4.9	25.9	33.7	42.3	49.1	51.3	52.8	54.6	54.8	55.3	55.4	55.6	56.1	56.2	56.3	56.6
≥ 10000	4.9	27.7	36.0	45.8	53.2	55.8	57.4	59.2	59.4	60.0	60.1	60.2	60.9	61.0	61.1	61.3
≥ 9000	4.9	27.8	36.2	46.0	53.4	56.0	57.7	59.4	59.7	60.2	60.3	60.4	61.1	61.2	61.3	61.6
≥ 8000	4.9	29.2	38.0	48.4	56.2	59.2	61.1	62.9	63.1	63.7	63.9	64.0	64.7	64.8	64.9	65.1
≥ 7000	4.9	29.6	38.4	48.9	56.9	60.0	61.9	63.7	63.9	64.4	64.7	64.8	65.4	65.6	65.7	65.9
≥ 6000	4.9	29.8	39.0	49.6	57.8	60.7	62.6	64.4	64.7	65.2	65.4	65.6	66.2	66.3	66.4	66.7
≥ 5000	5.0	30.6	40.0	50.7	58.8	61.9	63.9	66.0	66.3	66.9	67.1	67.2	67.9	68.0	68.1	68.3
≥ 4500	5.0	30.8	40.3	51.2	59.4	62.7	64.7	66.8	67.1	67.7	67.9	68.0	68.7	68.8	68.9	69.1
≥ 4000	5.0	31.4	41.1	52.3	60.3	63.6	65.7	67.8	68.1	68.7	68.9	69.0	69.7	69.8	69.9	70.1
≥ 3500	5.0	31.8	41.6	52.6	61.0	64.2	66.3	68.4	68.8	69.3	69.6	69.7	70.3	70.4	70.6	70.8
≥ 3000	5.0	32.2	42.3	53.3	61.9	65.3	67.4	69.5	70.1	70.7	70.9	71.0	71.7	71.8	71.9	72.1
≥ 2500	5.0	33.1	43.6	54.9	63.6	67.3	69.6	72.0	72.4	73.0	73.2	73.3	74.0	74.1	74.2	74.4
≥ 2000	5.0	33.9	44.6	56.3	65.0	68.8	71.0	73.4	73.9	74.4	74.8	74.9	75.6	75.7	75.8	76.0
≥ 1800	5.0	34.0	44.9	56.8	65.4	69.2	71.4	73.9	74.3	74.9	75.2	75.3	76.0	76.1	76.2	76.4
≥ 1500	5.0	34.7	46.0	58.0	66.7	70.4	72.6	75.2	75.7	76.2	76.6	76.7	77.3	77.4	77.6	77.8
≥ 1200	5.0	35.2	46.7	59.2	68.0	71.9	74.2	76.7	77.1	77.7	78.1	78.2	78.9	79.0	79.1	79.3
≥ 1000	5.0	35.8	47.6	60.6	69.7	73.7	76.0	78.4	78.9	79.4	79.9	80.0	80.7	80.8	80.9	81.1
IV 900	5.0	36.2	48.3	61.8	71.4	75.4	77.8	80.2	80.7	81.2	81.7	81.8	82.4	82.6	82.7	82.9
IV 800	5.0	36.6	48.9	62.8	72.8	76.8	79.2	81.6	82.1	82.6	83.1	83.2	83.8	84.0	84.1	84.3
IV 700	5.0	36.8	49.6	63.7	73.9	77.9	80.3	82.7	83.2	83.7	84.2	84.3	84.9	85.1	85.2	85.4
IV 600	5.0	37.0	50.0	65.2	75.6	79.6	82.0	84.4	84.9	85.4	85.9	86.0	86.6	86.8	86.9	87.1
IV 500	5.0	37.3	50.3	65.8	76.7	80.7	83.1	85.5	86.0	86.5	87.0	87.1	87.7	87.9	88.0	88.2
IV 400	5.0	37.3	50.8	66.8	78.3	82.3	84.7	87.1	87.6	88.1	88.6	88.7	89.3	89.5	89.6	89.8
IV 300	5.0	37.3	50.8	66.9	78.9	82.9	85.3	87.7	88.2	88.7	89.2	89.3	89.9	90.1	90.2	90.4
IV 200	5.0	37.3	50.8	66.9	78.9	82.9	85.3	87.7	88.2	88.7	89.2	89.3	89.9	90.1	90.2	90.4
IV 100	5.0	37.3	50.8	66.9	78.9	82.9	85.3	87.7	88.2	88.7	89.2	89.3	89.9	90.1	90.2	90.4
IV 0	5.0	37.3	50.8	66.9	78.9	82.9	85.3	87.7	88.2	88.7	89.2	89.3	89.9	90.1	90.2	90.4

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	6.8	41.2	46.9	51.4	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2
≥ 20000	7.8	44.9	51.2	56.3	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1
IV 18000	7.8	45.0	51.3	56.6	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3
IV 16000	7.8	45.0	51.3	56.6	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3
IV 14000	7.9	45.7	52.0	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1
IV 12000	7.9	47.8	54.3	59.7	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.6	60.6	60.6	60.6
IV 10000	8.7	50.7	58.4	64.1	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0
IV 9000	8.7	51.0	58.8	64.4	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.6	65.6	65.6	65.6
IV 8000	8.8	53.0	61.3	67.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4
IV 7000	8.8	53.3	61.7	67.4	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0
IV 6000	8.8	54.1	62.4	68.2	69.6	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0
IV 5000	8.8	55.0	63.3	69.1	70.8	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2
IV 4500	9.0	55.8	64.3	70.1	71.6	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2
IV 4000	9.0	56.6	65.2	71.0	72.6	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2
IV 3500	9.2	57.7	66.4	72.3	73.9	74.2	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7
IV 3000	9.2	59.2	68.2	74.8	76.4	76.8	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4
IV 2500	9.3	60.7	69.9	76.4	78.4	78.8	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4
IV 2000	9.3	61.8	71.0	77.8	80.0	80.3	80.6	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0
IV 1800	9.3	62.1	71.6	78.1	80.6	80.9	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.6	81.6	81.6
IV 1500	9.3	63.8	73.4	80.6	83.0	83.3	83.6	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0
IV 1200	9.3	65.6	75.4	82.7	85.4	86.0	86.3	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9
IV 1000	9.3	66.9	77.6	84.9	87.8	88.4	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4
IV 900	9.3	67.7	78.4	86.0	89.2	90.1	90.7	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3
IV 800	9.3	67.9	79.1	87.0	90.3	91.3	92.2	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0
IV 700	9.3	68.6	80.4	88.8	92.4	93.6	94.3	95.2	95.4	95.4	95.4	95.4	95.6	95.7	95.7	95.7
IV 600	9.3	68.7	80.8	89.4	93.7	94.9	95.1	96.2	96.4	96.4	96.4	96.4	96.6	96.7	96.7	96.7
IV 500	9.3	68.8	80.9	89.9	94.6	95.9	97.0	98.1	98.3	98.3	98.3	98.3	98.4	98.6	98.6	98.6
IV 400	9.3	68.8	80.9	89.9	95.0	96.4	97.7	99.0	99.2	99.3	99.3	99.3	99.3	99.6	99.6	99.6
IV 300	9.3	68.8	80.9	89.9	95.0	96.4	97.9	99.2	99.4	99.6	99.6	99.6	99.8	99.9	99.9	99.9
IV 200	9.3	68.8	80.9	90.0	95.1	96.6	98.0	99.3	99.6	99.7	99.7	99.7	99.9	100.0	100.0	100.0
IV 100	9.3	68.8	80.9	90.0	95.1	96.6	98.0	99.3	99.6	99.7	99.7	99.7	99.9	100.0	100.0	100.0
IV 0	9.3	68.8	80.9	90.0	95.1	96.6	98.0	99.3	99.6	99.7	99.7	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS - LT

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	9.1	47.1	49.7	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
IV 20000	10.0	52.7	56.2	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 18000	10.0	52.8	56.3	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
IV 16000	10.0	52.8	56.3	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
IV 14000	10.1	53.7	57.4	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 12000	10.2	56.0	59.8	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 10000	11.0	59.1	64.2	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 9000	11.0	59.9	65.1	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 8000	11.4	62.2	68.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 7000	11.7	62.8	69.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 6000	11.7	63.0	69.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 5000	11.8	64.8	71.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 4500	12.0	65.4	71.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 4000	12.0	66.7	73.0	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 3500	12.2	69.3	76.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 3000	12.7	73.1	80.4	84.4	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 2500	12.8	75.2	83.2	87.6	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 2000	13.0	76.7	84.8	89.3	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 1800	13.2	77.9	86.0	90.7	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 1500	13.3	79.2	87.3	92.1	92.8	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 1200	13.3	80.7	89.1	94.0	94.7	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1000	13.3	81.8	90.7	95.7	96.6	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 900	13.3	82.0	90.9	96.0	96.9	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 800	13.3	82.0	90.9	96.0	97.1	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 700	13.3	82.0	91.1	96.3	97.6	98.2	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 600	13.3	82.1	91.3	96.6	97.9	98.6	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	13.3	82.1	91.4	96.7	98.2	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	13.3	82.1	91.4	96.7	98.2	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	13.3	82.1	91.4	96.7	98.2	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	13.3	82.1	91.4	96.7	98.2	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	13.3	82.1	91.4	96.7	98.2	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	13.3	82.1	91.4	96.7	98.2	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

STATION NAME

74-83

YEARS

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	8.9	48.4	52.8	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 20000	11.3	58.1	63.4	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 18000	11.3	58.7	64.0	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 16000	11.3	58.7	64.0	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 14000	11.4	59.7	65.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 12000	12.0	62.4	68.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 10000	12.3	64.3	70.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 9000	12.3	64.9	71.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 8000	12.7	67.4	74.8	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 7000	12.7	69.1	76.8	79.1	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 6000	12.7	69.3	77.1	79.6	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000	12.8	70.4	78.4	80.9	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 4500	12.9	71.4	79.7	82.2	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 4000	13.0	72.4	81.3	84.2	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 3500	13.1	74.1	82.7	85.6	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 3000	13.1	75.6	84.6	88.1	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 2500	13.2	77.0	86.6	90.2	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 2000	13.4	78.2	88.1	91.9	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 1800	13.6	78.7	88.6	92.6	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 1500	13.6	79.3	89.2	93.4	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 1200	13.6	80.2	90.1	94.4	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1000	13.6	80.6	90.4	94.8	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 900	13.6	81.1	91.0	95.4	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 800	13.6	81.1	91.0	95.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 700	13.6	81.2	91.2	95.9	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 600	13.6	81.2	91.3	96.1	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 500	13.6	81.2	91.3	96.1	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 400	13.6	81.2	91.3	96.1	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 300	13.6	81.2	91.3	96.1	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 200	13.6	81.2	91.3	96.1	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 100	13.6	81.2	91.3	96.1	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 0	13.6	81.2	91.3	96.1	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LT

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	8.9	50.8	54.8	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 20000	10.3	58.9	64.0	66.7	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 18000	10.3	59.4	64.7	67.0	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 16000	10.3	59.6	64.8	67.1	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 14000	10.3	60.2	65.4	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 12000	10.9	62.3	67.4	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 10000	11.0	63.7	69.4	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 9000	11.0	64.2	70.0	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 8000	11.0	67.0	73.7	77.9	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 7000	11.1	68.6	75.3	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 6000	11.2	69.3	76.1	80.7	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 5000	11.3	70.1	76.9	81.4	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4500	11.4	70.4	77.2	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4000	11.6	71.8	78.9	83.7	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3500	11.7	73.0	80.3	85.1	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3000	11.7	75.4	83.1	88.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500	11.8	76.3	84.8	90.3	92.1	92.3	92.6	92.6	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	11.8	77.4	85.6	91.6	93.3	93.6	93.8	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	11.9	77.3	86.0	92.1	94.0	94.2	94.4	94.4	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	12.0	78.2	87.0	93.2	95.1	95.3	95.6	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1200	12.1	79.0	87.8	94.0	95.9	96.1	96.3	96.3	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1000	12.1	79.3	88.1	94.3	96.2	96.4	96.7	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900	12.2	80.4	88.9	95.2	97.3	97.9	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	12.1	80.3	89.2	95.6	97.7	98.2	98.7	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	12.1	80.3	89.2	96.7	97.9	98.6	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	12.1	80.6	89.4	96.7	98.3	99.1	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	12.1	80.6	89.4	96.7	98.3	99.1	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	12.1	80.7	89.6	96.8	98.4	99.2	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	12.1	80.7	89.6	96.8	98.4	99.2	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	12.1	80.7	89.6	96.8	98.4	99.2	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	12.1	80.7	89.6	96.8	98.4	99.2	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	12.1	80.7	89.6	96.8	98.4	99.2	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	7.3	49.8	54.6	58.0	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IV 18000	8.2	55.1	60.4	64.6	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 16000	8.2	55.1	60.4	64.6	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 14000	8.2	55.1	60.4	64.6	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 12000	9.1	57.2	62.7	66.8	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 10000	9.1	59.9	65.6	70.0	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 9000	9.2	60.8	66.4	71.0	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 8000	9.2	64.7	70.8	75.8	77.3	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 7000	9.3	65.8	72.1	77.0	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 6000	9.3	65.8	72.1	77.0	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 5000	9.6	67.7	74.4	79.7	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 4500	9.7	67.9	74.7	80.2	82.1	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 4000	9.7	69.4	76.4	82.0	84.3	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 3500	9.7	70.0	77.0	82.8	85.0	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 3000	9.7	71.8	79.3	85.3	87.7	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 2500	9.7	73.2	81.3	87.3	89.8	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 2000	9.7	73.8	82.1	88.3	91.0	91.8	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 1800	9.7	74.0	82.3	88.7	91.3	92.2	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 1500	9.7	74.2	82.7	89.3	92.0	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1200	9.7	74.4	83.1	89.9	92.6	93.6	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1000	9.7	74.9	83.8	90.8	93.4	94.4	94.5	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 900	9.7	75.2	84.2	91.2	94.0	95.0	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 800	9.7	75.6	84.7	91.8	94.8	95.8	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 700	9.7	75.9	85.0	92.1	95.3	96.3	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 600	9.7	76.0	85.1	92.3	95.8	96.8	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 500	9.7	76.0	85.2	92.7	96.2	97.4	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 400	9.7	76.3	85.6	93.3	97.0	98.2	98.8	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	9.7	76.4	85.9	93.7	97.4	98.7	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	9.7	76.4	85.9	93.7	97.4	98.7	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	9.7	76.4	85.9	93.7	97.4	98.7	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	9.7	76.4	85.9	93.7	97.4	98.7	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030
STATION

POPE AFB NC

STATION NAME

74-83

YEARS

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	6.3	44.4	50.8	55.4	56.9	57.4	57.9	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 20000	7.1	46.9	53.9	59.6	61.6	62.2	62.7	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 18000	7.1	46.9	53.9	59.6	61.6	62.2	62.7	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 16000	7.1	46.9	53.9	59.6	61.6	62.2	62.7	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 14000	7.2	47.8	54.9	60.6	62.6	63.2	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 12000	7.6	48.9	56.3	62.0	64.0	64.7	65.1	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 10000	7.7	51.9	59.4	65.7	67.7	68.4	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 9000	7.7	52.4	60.0	66.4	68.4	69.2	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 8000	7.7	56.4	64.8	72.0	74.4	75.3	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 7000	7.7	57.1	65.9	73.2	75.8	76.7	77.3	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 6000	7.7	57.2	66.0	73.3	75.9	76.8	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 5000	7.7	58.1	67.3	74.8	77.4	78.3	79.2	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4500	7.8	58.3	67.8	75.2	77.9	78.8	79.7	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	7.8	59.1	68.7	76.6	79.6	80.6	81.6	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3500	7.8	59.6	69.2	77.1	80.1	81.1	82.1	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3000	7.9	60.3	70.7	78.8	82.1	83.1	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2500	8.1	61.3	71.8	80.0	83.3	84.3	85.3	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2000	8.1	61.7	72.1	80.3	83.7	84.7	85.7	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1800	8.1	62.2	72.7	81.0	84.3	85.3	86.3	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1500	8.1	62.8	73.3	81.9	85.2	86.2	87.4	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1200	8.1	63.3	74.1	82.8	86.2	87.2	88.4	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1000	8.1	64.2	75.9	84.7	88.3	89.3	90.6	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 900	8.1	64.4	76.3	85.1	88.8	89.9	91.1	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 800	8.1	64.4	76.4	85.6	89.3	90.4	91.7	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 700	8.1	65.3	77.4	86.9	90.1	92.3	93.6	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	8.1	65.6	77.9	87.6	92.3	93.6	94.8	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 500	8.2	65.8	78.3	88.1	93.2	94.9	96.7	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 400	8.1	65.8	78.4	88.3	93.4	95.1	97.2	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	8.1	65.9	78.4	88.7	93.8	95.4	97.6	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200	8.1	65.9	78.4	88.8	93.9	95.6	97.7	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	8.1	65.9	78.4	88.8	93.9	95.6	97.7	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	8.1	65.9	78.4	88.8	93.9	95.6	97.7	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 907

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2108-2180

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥1/16	≥0
NO CEILING	4.9	35.0	41.6	48.2	51.3	52.4	54.6	55.9	56.0	56.0	56.0	56.0	56.2	56.2	56.2	56.3
IV 20000	5.2	36.9	44.0	51.3	55.1	56.3	58.6	60.0	60.1	60.1	60.1	60.1	60.3	60.3	60.3	60.4
IV 18000	5.2	37.1	44.2	51.6	55.3	56.6	58.8	60.2	60.3	60.3	60.3	60.3	60.6	60.6	60.6	60.7
IV 16000	5.2	37.1	44.2	51.6	55.3	56.6	58.8	60.2	60.3	60.3	60.3	60.3	60.6	60.6	60.6	60.7
IV 14000	5.2	37.3	44.4	51.8	55.6	56.8	59.0	60.4	60.6	60.6	60.6	60.6	60.8	60.8	60.8	60.9
IV 12000	5.3	38.2	45.6	52.9	56.7	57.9	60.1	61.6	61.7	61.7	61.7	61.7	61.9	61.9	61.9	62.0
IV 10000	5.4	40.8	48.4	56.9	60.8	62.0	64.2	65.9	66.0	66.0	66.0	66.0	66.2	66.3	66.3	66.4
IV 9000	5.4	41.2	48.9	57.3	61.2	62.4	64.7	66.3	66.4	66.4	66.4	66.4	66.7	66.8	66.8	66.9
IV 8000	5.7	42.8	51.2	60.4	64.3	65.6	67.9	69.8	69.9	69.9	69.9	70.0	70.0	70.2	70.3	70.4
IV 7000	5.9	43.9	52.3	61.8	65.8	67.0	69.3	71.2	71.3	71.3	71.3	71.4	71.7	71.8	71.8	71.9
IV 6000	5.9	44.1	52.7	62.1	66.1	67.3	69.7	71.6	71.7	71.7	71.7	71.8	71.8	72.0	72.1	72.2
IV 5000	6.0	44.8	53.3	63.1	67.1	68.4	71.1	73.3	73.4	73.4	73.4	73.6	73.6	73.8	73.9	74.0
IV 4500	6.0	45.2	54.0	63.9	67.9	69.4	72.0	74.2	74.3	74.3	74.4	74.4	74.7	74.8	74.8	74.9
IV 4000	6.0	45.4	54.4	64.7	68.7	70.3	72.9	75.1	75.2	75.2	75.3	75.3	75.6	75.7	75.7	75.8
IV 3500	6.0	45.9	55.0	65.2	69.2	70.9	73.4	75.7	75.8	75.8	75.9	75.9	76.1	76.2	76.2	76.3
IV 3000	6.0	46.3	55.9	66.4	70.4	72.1	75.3	77.6	77.7	77.7	77.8	77.8	78.0	78.1	78.1	78.2
IV 2500	6.0	47.4	57.0	67.7	72.2	74.0	76.8	79.1	79.2	79.2	79.3	79.3	79.6	79.7	79.7	79.8
IV 2000	6.0	47.9	57.7	68.4	73.2	75.0	77.9	80.2	80.3	80.3	80.4	80.4	80.7	80.8	80.8	80.9
IV 1800	6.0	47.9	57.7	68.4	73.3	75.1	78.0	80.3	80.4	80.4	80.6	80.6	80.8	80.9	80.9	81.0
IV 1500	6.0	48.2	58.2	69.2	74.8	75.9	78.9	81.2	81.3	81.3	81.4	81.4	81.7	81.8	81.8	81.9
IV 1200	6.0	48.6	58.7	69.8	74.7	76.4	79.4	81.9	82.0	82.0	82.1	82.1	82.3	82.4	82.4	82.6
IV 1000	6.0	49.4	59.8	71.7	77.1	78.9	81.9	84.4	84.6	84.6	84.7	84.8	85.0	85.1	85.1	85.2
IV 900	6.0	50.1	60.6	73.1	78.9	80.7	83.7	86.2	86.3	86.3	86.4	86.6	86.8	86.9	86.9	87.0
IV 800	6.0	50.7	61.2	73.8	79.6	81.7	84.7	87.3	87.4	87.4	87.6	87.7	87.8	88.0	88.1	88.2
IV 700	6.0	51.1	61.9	74.6	80.6	82.8	86.0	88.7	88.8	88.8	89.0	89.1	89.3	89.6	89.6	89.7
IV 600	6.0	51.3	62.3	75.3	82.2	84.6	88.2	90.9	91.0	91.1	91.2	91.3	91.6	91.8	91.8	91.9
IV 500	6.0	51.7	63.2	76.7	84.7	87.0	91.3	94.3	94.4	94.7	94.8	94.9	95.1	95.3	95.3	95.4
IV 400	6.0	51.8	63.3	77.0	85.6	88.1	92.8	96.2	96.3	96.6	96.7	96.8	97.0	97.2	97.2	97.3
IV 300	6.0	51.8	63.3	77.2	85.9	88.6	93.4	97.0	97.2	97.4	97.7	97.8	98.0	98.2	98.2	98.3
IV 200	6.0	51.8	63.3	77.2	85.9	88.6	93.4	97.3	97.6	97.8	98.1	98.3	98.4	98.6	98.6	98.7
IV 100	6.0	51.8	63.3	77.2	85.9	88.6	93.4	97.3	97.6	97.8	98.1	98.3	98.4	98.6	98.6	98.7
IV 0	6.0	51.8	63.3	77.2	85.9	88.6	93.4	97.3	97.6	97.8	98.1	98.3	98.4	98.6	98.6	98.7

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 7-64 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030 POPE AFB NC

79-03

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING ≥ 20000	7.0	42.3	47.5	51.7	53.2	53.7	54.5	54.8	54.5	54.6	54.6	54.6	54.7	54.7	54.7
≥ 18000	8.1	47.2	51.1	57.0	59.0	59.9	60.0	61.0	61.1	61.2	61.2	61.2	61.3	61.3	61.3
≥ 16000	8.1	47.5	51.4	58.2	59.9	60.9	61.0	61.4	61.5	61.5	61.5	61.5	61.6	61.6	61.7
≥ 14000	8.2	48.1	54.0	58.8	60.0	61.2	61.7	62.1	62.2	62.2	62.3	62.3	62.4	62.4	62.4
≥ 12000	8.5	49.9	56.0	60.0	60.7	61.2	61.7	62.2	62.2	62.3	62.3	62.3	62.4	62.4	62.4
≥ 10000	8.8	52.3	59.0	64.0	66.3	67.0	67.5	68.0	68.0	68.1	68.1	68.1	68.2	68.3	68.3
≥ 9000	8.8	52.8	59.6	65.0	67.8	67.8	68.2	68.6	68.7	68.8	68.8	68.8	68.9	68.9	68.9
≥ 8000	8.9	55.3	62.9	68.8	71.0	71.7	72.3	72.8	72.8	72.9	72.9	73.0	73.1	73.1	73.2
≥ 7000	9.0	56.3	63.9	69.9	72.2	72.8	73.0	73.1	73.1	73.2	73.2	73.3	73.4	73.4	73.5
≥ 6000	9.0	56.6	64.3	70.4	72.7	73.5	74.1	74.6	74.6	74.7	74.8	74.8	74.9	74.9	75.0
≥ 5000	9.1	57.7	65.6	71.7	73.1	73.9	75.1	75.2	75.3	75.4	75.4	75.4	75.5	75.5	75.6
≥ 4500	9.2	58.2	66.2	72.5	74.9	75.7	76.8	77.0	77.1	77.2	77.2	77.2	77.4	77.4	77.4
≥ 4000	9.3	59.2	67.4	73.8	76.0	77.3	78.3	78.4	78.7	78.8	78.8	78.9	79.0	79.0	79.1
≥ 3500	9.3	60.2	68.5	75.0	77.6	78.8	79.3	79.9	79.9	80.0	80.1	80.1	80.2	80.3	80.3
≥ 3000	9.4	61.8	70.6	77.4	80.9	81.4	82.2	82.8	82.9	83.0	83.0	83.0	83.2	83.2	83.2
≥ 2500	9.5	63.0	72.3	79.3	82.4	83.9	84.3	85.0	85.0	85.1	85.2	85.2	85.3	85.4	85.4
≥ 2000	9.5	63.9	73.2	80.5	83.7	85.0	85.6	86.3	86.4	86.5	86.5	86.5	86.7	86.7	86.8
≥ 1800	9.6	64.3	73.7	82.0	84.3	86.3	86.9	87.5	87.5	87.6	87.6	87.6	87.7	87.7	87.7
≥ 1500	9.6	65.3	74.7	82.2	85.5	86.6	87.5	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.4
≥ 1200	9.6	65.9	75.6	83.3	86.7	87.8	88.7	89.5	89.6	89.7	89.8	89.8	89.9	90.0	90.0
≥ 1000	9.6	66.6	76.7	84.7	88.2	89.4	90.4	91.1	91.3	91.3	91.3	91.5	91.6	91.7	91.7
≥ 900	9.6	67.2	77.3	85.5	89.2	90.5	91.5	92.3	92.4	92.5	92.6	92.6	92.7	92.8	92.8
≥ 800	9.6	67.3	77.7	86.0	89.9	91.3	92.3	93.2	93.3	93.3	93.5	93.5	93.7	93.7	93.8
≥ 700	9.6	67.7	78.2	86.7	90.9	92.3	93.6	94.4	94.6	94.7	94.8	94.8	95.0	95.0	95.1
≥ 600	9.6	67.9	78.5	87.3	91.7	93.2	94.6	95.6	95.7	95.8	95.9	96.0	96.1	96.2	96.2
≥ 500	9.6	67.9	78.8	87.8	92.8	94.1	95.8	96.9	97.1	97.3	97.4	97.4	97.6	97.7	97.7
≥ 400	9.6	68.0	79.9	88.8	93.8	94.8	96.5	97.9	98.3	98.3	98.4	98.5	98.6	98.7	98.8
≥ 300	9.6	68.0	79.0	88.2	93.2	95.0	96.8	98.3	98.5	98.7	98.9	99.0	99.1	99.2	99.3
≥ 200	9.6	68.0	79.0	88.2	93.2	95.0	96.8	98.3	98.7	98.9	99.1	99.2	99.3	99.5	99.7
≥ 100	9.6	68.0	79.0	88.2	93.2	95.0	96.8	98.4	98.9	99.0	99.1	99.2	99.3	99.7	100.0
≥ 0	9.6	68.0	79.0	88.2	93.2	95.0	96.8	98.4	98.7	99.0	99.1	99.2	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	9.5	43.0	48.0	52.9	56.0	56.7	57.2	57.6	58.0	58.2	58.3	58.5	59.2	59.6	59.6	60.0
IV 18000	10.2	46.6	51.7	56.9	60.7	61.0	61.6	62.0	62.8	62.6	62.7	62.9	63.7	64.1	64.1	64.5
IV 16000	10.2	46.6	52.2	57.3	60.5	61.4	62.0	62.5	62.8	63.0	63.1	63.3	64.1	64.5	64.5	64.9
IV 14000	10.2	46.6	52.2	57.4	60.6	61.5	62.2	62.6	62.9	63.1	63.2	63.8	64.2	64.6	64.6	65.1
IV 12000	10.2	47.4	53.2	58.5	61.7	62.6	63.2	63.7	64.0	64.2	64.3	64.5	65.3	65.7	65.7	66.1
IV 10000	10.2	48.2	54.3	59.7	62.9	63.8	64.4	64.8	65.2	65.8	65.5	65.7	66.5	66.9	66.9	67.3
IV 9000	10.3	50.8	57.1	62.9	66.6	67.4	68.1	68.5	68.8	69.8	69.1	69.4	70.1	70.5	70.5	71.0
IV 8000	10.3	50.9	57.2	63.0	66.7	67.5	68.2	68.6	68.9	69.1	69.2	69.5	70.2	70.6	70.6	71.1
IV 7000	10.3	52.8	59.2	65.3	69.4	70.2	71.1	71.5	71.8	72.0	72.3	72.5	73.3	73.9	73.9	74.3
IV 6000	10.3	53.7	60.2	66.2	70.3	71.2	72.0	72.5	72.8	73.0	73.2	73.8	74.3	74.8	74.8	75.3
IV 5000	10.3	54.1	60.6	66.8	71.0	71.8	72.7	73.1	73.4	73.7	73.9	74.1	74.9	75.5	75.5	75.9
IV 4500	10.3	55.2	62.0	68.8	72.7	73.5	74.6	75.1	75.8	75.6	75.8	76.0	76.9	77.8	77.8	77.8
IV 4000	10.6	55.6	62.5	68.8	73.2	74.1	75.2	75.6	75.9	76.1	76.3	76.6	77.4	78.0	78.0	78.4
IV 3500	10.6	56.8	64.8	70.8	75.2	76.0	77.3	77.7	78.1	78.3	78.5	78.7	79.6	80.1	80.1	80.5
IV 3000	10.6	57.5	64.8	71.6	76.2	77.1	78.4	78.8	79.1	79.4	79.6	79.8	80.6	81.2	81.2	81.6
IV 2500	10.6	58.3	65.5	72.6	77.3	78.2	79.5	79.9	80.2	80.8	80.6	80.8	81.7	82.3	82.3	82.7
IV 2000	10.6	58.6	66.3	73.4	78.3	79.1	80.4	80.9	81.2	81.4	81.6	81.8	82.7	83.2	83.2	83.7
IV 1800	10.9	59.7	67.4	74.5	79.4	80.4	81.7	82.2	82.5	82.7	82.9	83.5	84.0	84.5	84.5	84.9
IV 1500	10.9	60.1	67.8	75.1	80.1	81.3	82.7	83.1	83.4	83.7	83.9	84.1	84.9	85.5	85.5	85.9
IV 1200	11.0	61.8	69.5	76.7	81.8	83.0	84.5	84.9	85.3	85.5	85.7	85.9	86.8	87.3	87.3	87.7
IV 1000	11.0	62.2	70.4	77.6	82.8	84.8	85.5	85.9	86.2	86.5	86.7	86.9	87.7	88.3	88.3	88.7
IV 900	11.0	63.3	71.7	79.7	84.5	85.8	87.3	87.7	88.1	88.3	88.5	88.7	89.6	90.1	90.1	90.6
IV 800	11.0	63.3	71.8	79.9	84.9	86.2	87.7	88.2	88.5	88.7	88.9	89.1	90.0	90.5	90.5	91.1
IV 700	11.0	63.4	72.3	80.2	86.3	87.3	89.0	89.5	89.8	90.0	90.2	90.8	91.3	91.8	91.8	92.8
IV 600	11.0	63.9	72.7	80.4	86.7	88.1	89.9	90.3	90.6	90.9	91.1	91.3	92.2	92.7	92.7	93.2
IV 500	11.0	64.0	72.9	81.1	87.7	89.2	91.3	92.2	92.6	92.8	93.0	93.2	94.2	94.7	94.7	95.3
IV 400	11.0	64.0	72.9	81.1	87.8	89.5	91.7	92.7	93.1	93.8	93.7	93.9	94.8	95.8	95.8	96.0
IV 300	11.0	64.0	72.9	81.1	87.8	89.6	91.9	93.2	93.7	94.1	94.4	94.6	95.6	96.1	96.1	96.9
IV 200	11.0	64.0	72.9	81.1	87.8	89.6	91.9	93.3	93.8	94.3	94.8	95.3	96.6	97.2	97.4	98.2
IV 100	11.0	64.0	72.9	81.2	88.0	89.7	92.2	93.5	94.0	94.6	95.1	95.5	97.0	97.6	97.8	98.8
IV 0	11.0	64.0	72.9	81.2	88.0	89.7	92.2	93.5	94.0	94.6	95.1	95.5	97.0	97.6	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030
STATION

POPE AFB NC

STATION NAME

74-83
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	11.7	53.8	57.8	60.8	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.5	61.5	61.5
≥ 20000	12.5	57.6	62.3	65.3	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	66.0	66.0	66.0
≥ 18000	12.5	58.2	62.8	65.8	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.6	66.6	66.6
≥ 16000	12.5	58.2	62.9	65.9	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7	66.7	66.7
≥ 14000	12.5	58.7	63.5	66.6	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.3	67.3	67.3
≥ 12000	12.6	60.0	65.1	68.1	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.8	68.8
≥ 10000	12.7	63.2	68.4	71.6	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.4	72.4	72.4
≥ 9000	12.7	63.3	68.5	71.7	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.5	72.5	72.5
≥ 8000	12.9	66.0	71.5	75.3	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	76.1	76.1	76.1
≥ 7000	13.7	67.5	73.8	76.8	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.7	77.7	77.7
≥ 6000	13.7	68.0	73.4	77.2	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.0	78.0
≥ 5000	13.8	68.6	74.1	77.8	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.8	78.8	78.8
≥ 4500	14.0	69.6	75.1	78.8	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.8	79.8	79.8
≥ 4000	14.2	71.2	77.0	80.9	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.8	81.8	81.8
≥ 3500	14.2	71.7	77.6	81.5	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.5	82.5	82.5
≥ 3000	14.2	72.6	78.7	82.6	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.8	83.8	83.8
≥ 2500	14.2	73.3	79.6	83.5	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.9	84.9	84.9
≥ 2000	14.6	74.6	81.0	84.9	85.7	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.5	86.5	86.5
≥ 1800	14.8	75.3	81.7	85.9	86.7	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.4	87.4	87.4
≥ 1500	15.2	78.3	85.1	89.5	90.4	90.6	90.8	90.9	90.9	90.9	90.9	91.0	91.0	91.2	91.2	91.2
≥ 1200	15.2	79.0	86.0	90.4	91.6	91.9	92.0	92.2	92.2	92.2	92.2	92.3	92.3	92.5	92.5	92.5
≥ 1000	15.2	79.9	87.0	91.8	93.1	93.4	93.7	93.8	93.8	93.8	93.8	94.0	94.0	94.2	94.2	94.2
≥ 900	15.2	80.2	87.5	92.7	94.1	94.4	94.6	94.8	94.8	94.8	94.8	95.1	95.1	95.3	95.3	95.3
≥ 800	15.2	80.4	87.7	93.0	94.4	94.8	95.1	95.3	95.3	95.3	95.3	95.6	95.6	95.8	95.8	95.8
≥ 700	15.2	80.4	87.8	93.1	95.2	95.7	95.9	96.1	96.1	96.2	96.2	96.5	96.5	96.7	96.7	96.7
≥ 600	15.2	80.5	88.1	93.3	95.6	96.2	96.6	96.8	96.8	96.9	96.9	97.1	97.1	97.3	97.3	97.3
≥ 500	15.2	80.6	88.3	93.9	96.3	97.3	97.8	98.1	98.1	98.2	98.4	98.4	98.4	98.6	98.6	98.6
≥ 400	15.2	80.4	88.3	94.0	96.8	97.7	98.3	98.7	98.7	98.8	99.0	99.0	99.0	99.2	99.2	99.2
≥ 300	15.2	80.6	88.3	94.0	96.8	97.7	98.6	98.8	98.9	99.0	99.2	99.2	99.2	99.5	99.5	99.5
≥ 200	15.2	80.4	88.3	94.0	96.8	97.7	98.6	98.9	99.0	99.2	99.2	99.2	99.2	99.7	99.7	99.8
≥ 100	15.2	80.6	88.3	94.0	96.8	97.7	98.6	98.9	99.0	99.2	99.2	99.2	99.2	99.7	99.7	99.8
≥ 0	15.2	80.6	88.3	94.0	96.8	97.7	98.6	98.9	99.0	99.2	99.2	99.2	99.2	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	15.8	59.5	61.2	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 20000	17.0	66.2	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 18000	17.0	66.6	68.4	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 16000	17.0	66.7	68.5	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV 14000	17.2	67.2	69.0	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 12000	17.2	68.1	70.0	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 10000	18.2	71.4	73.4	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 9000	18.2	71.8	73.9	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 8000	18.5	75.5	77.6	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 7000	18.5	75.7	77.8	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 6000	18.5	76.2	78.4	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 5000	18.7	77.5	79.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 4500	18.9	78.3	80.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 4000	19.2	80.4	82.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 3500	19.4	81.2	83.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 3000	19.8	84.5	87.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 2500	20.0	85.7	88.4	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
IV 2000	20.2	87.1	90.0	91.3	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 1800	20.2	88.1	91.2	92.6	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 1500	20.3	89.6	92.7	94.2	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1200	20.3	91.2	94.4	96.0	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1000	20.3	91.4	94.7	96.6	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 900	20.3	91.5	94.9	96.8	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 800	20.3	91.5	95.1	97.0	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 700	20.3	91.5	95.2	97.2	98.2	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 600	20.3	91.6	95.3	97.3	99.0	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	20.3	91.6	95.3	97.8	99.4	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	20.3	91.7	95.4	98.8	99.5	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	20.3	91.8	95.5	98.8	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	20.3	91.8	95.5	98.8	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	20.3	91.8	95.5	98.8	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	20.3	91.8	95.5	98.8	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5-16	≥0
NO CEILING	15.9	60.9	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 20000	17.4	67.1	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 18000	17.5	67.2	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 16000	17.5	67.3	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 14000	17.6	68.3	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 12000	17.8	69.6	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 10000	18.3	72.0	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 9000	18.3	72.5	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 8000	18.5	76.3	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 7000	18.5	76.8	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 6000	18.7	77.8	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 5000	19.0	80.2	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4500	19.1	81.1	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4000	19.4	83.7	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3500	19.4	84.3	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3000	19.4	87.1	90.8	91.2	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	19.7	88.0	91.7	92.3	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2000	19.9	90.3	93.9	94.4	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	19.9	90.8	94.5	95.1	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1500	20.0	91.3	95.2	95.7	95.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	20.0	91.8	95.8	96.1	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	20.0	91.8	95.7	96.3	97.1	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	20.0	91.8	95.8	96.8	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	20.0	91.9	96.3	97.8	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	20.0	91.9	96.5	97.3	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	20.0	91.9	96.5	97.3	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	20.0	92.2	96.7	97.8	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	20.0	92.2	96.7	97.8	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	20.0	92.2	96.7	97.8	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	20.0	92.2	96.7	97.8	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	20.0	92.2	96.7	97.8	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	20.0	92.2	96.7	97.8	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 931

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	16.0	65.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 18000	16.3	71.2	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 16000	16.3	71.3	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 14000	16.3	71.6	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 12000	16.5	73.0	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 10000	17.3	75.7	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 9000	17.3	75.9	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 8000	17.3	76.9	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 7000	17.3	79.9	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 6000	17.3	80.8	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 5000	17.4	82.3	85.3	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4500	17.4	83.3	86.2	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4000	17.4	85.2	88.5	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3500	17.4	85.3	88.6	89.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3000	17.5	86.8	90.2	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2500	17.7	88.3	91.9	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	17.8	89.2	93.1	93.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	17.8	89.7	93.5	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1500	18.0	90.3	94.2	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	18.0	91.0	94.8	95.4	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000	18.0	91.6	95.7	96.3	96.8	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	18.0	91.6	95.7	96.3	97.4	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	18.0	91.6	95.7	96.3	97.4	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	18.0	91.6	95.7	96.6	97.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	18.0	91.7	95.8	96.8	98.1	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	18.0	91.7	95.8	96.8	98.2	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	18.0	91.7	95.8	96.8	98.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	18.0	91.7	95.9	96.9	98.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	18.0	91.7	95.9	96.9	98.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	18.0	91.7	95.9	96.9	98.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	18.0	91.7	95.9	96.9	98.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 936

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING	13.3	63.9	68.0	68.7	66.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥20000	13.9	69.4	73.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥18000	13.9	69.4	73.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥16000	13.9	69.4	73.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥14000	13.9	69.4	74.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥12000	13.9	70.4	74.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥10000	14.5	72.3	76.9	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥9000	14.5	72.8	77.4	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥8000	14.7	75.3	80.1	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥7000	14.7	75.7	80.5	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥6000	14.7	76.5	81.3	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥5000	14.8	78.7	83.7	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥4500	14.9	79.2	84.2	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥4000	14.9	80.0	85.3	87.1	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥3500	14.9	80.6	85.9	87.8	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥3000	14.9	82.5	87.8	89.8	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥2500	14.9	83.4	88.8	90.8	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥2000	14.9	83.9	89.6	91.7	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥1800	14.9	84.4	90.3	92.5	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥1500	14.9	84.7	90.9	93.1	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥1200	14.9	85.6	91.9	94.3	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥1000	14.9	86.2	92.8	95.2	96.1	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥900	14.9	86.3	93.0	95.4	96.3	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥800	14.9	86.7	93.3	95.7	96.7	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥700	14.9	86.8	93.4	96.0	97.0	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥600	14.9	86.8	93.4	96.1	97.1	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥500	14.9	86.9	93.5	96.5	97.7	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥400	14.9	86.9	93.5	96.6	98.1	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥300	14.9	86.9	93.5	96.6	98.2	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥200	14.9	86.9	93.5	96.6	98.2	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥100	14.9	86.9	93.5	96.6	98.2	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0	14.9	86.9	93.5	96.6	98.2	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

78-83

ACT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	12.4	60.5	65.1	67.3	67.8	68.3	68.5	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.9	68.9
≥ 20000	12.7	62.8	67.5	69.9	70.8	70.9	71.3	71.3	71.2	71.2	71.2	71.3	71.3	71.3	71.5	71.5
≥ 18000	12.7	62.8	67.5	70.0	70.5	71.0	71.2	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.6	71.6
≥ 16000	12.7	62.8	67.5	70.0	70.5	71.0	71.2	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.6	71.6
≥ 14000	12.8	63.2	68.0	70.4	71.0	71.4	71.6	71.6	71.7	71.7	71.7	71.8	71.8	71.8	72.0	72.0
≥ 12000	12.8	64.9	69.1	71.4	72.2	72.6	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.2	73.2
≥ 10000	13.0	66.3	71.6	74.2	74.7	75.2	75.4	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.8	75.8
≥ 9000	13.0	66.3	71.7	74.3	74.8	75.3	75.5	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.9	75.9
≥ 8000	13.1	69.0	74.7	77.7	78.4	78.9	79.1	79.1	79.2	79.2	79.2	79.4	79.4	79.4	79.6	79.6
≥ 7000	13.1	69.9	75.5	78.6	79.2	79.8	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.4	80.4
≥ 6000	13.1	69.7	75.9	79.1	79.8	80.3	80.5	80.5	80.6	80.6	80.6	80.8	80.8	80.8	81.0	81.0
≥ 5000	13.1	71.5	77.8	81.1	81.7	82.3	82.5	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.9	82.9
≥ 4500	13.1	71.6	78.0	81.2	81.8	82.4	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.8	83.0	83.0
≥ 4000	13.1	72.3	78.8	82.0	82.9	83.4	83.7	83.7	83.8	83.8	83.8	83.9	83.9	83.9	84.1	84.1
≥ 3500	13.1	73.1	79.7	82.9	83.8	84.3	84.5	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.9	84.9
≥ 3000	13.2	74.2	81.9	84.6	85.5	86.0	86.3	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86.8	86.8
≥ 2500	13.4	75.1	82.3	85.5	86.3	86.9	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.6	87.6
≥ 2000	13.4	76.7	84.0	87.2	88.2	88.9	89.2	89.2	89.4	89.4	89.4	89.5	89.5	89.5	89.7	89.7
≥ 1800	13.4	77.3	84.9	88.2	89.1	90.0	90.3	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.8	90.8
≥ 1500	13.7	78.5	86.2	89.7	90.6	91.5	91.8	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.3	92.3
≥ 1200	13.7	79.0	87.4	90.9	91.9	92.8	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.5	93.5
≥ 1000	13.7	80.0	88.5	92.2	93.2	94.1	94.4	94.4	94.5	94.5	94.5	94.6	94.6	94.6	95.1	95.1
≥ 900	13.7	80.1	88.6	92.5	93.5	94.5	95.2	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.7	95.7
≥ 800	13.7	80.5	89.2	93.1	94.1	95.3	96.0	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.6	96.6
≥ 700	13.7	80.5	89.4	93.3	94.6	95.6	96.3	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.9	96.9
≥ 600	13.7	80.5	89.4	93.5	95.2	96.3	96.9	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.4	97.4
≥ 500	13.7	80.8	90.0	94.8	95.8	96.9	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	98.2	98.2
≥ 400	13.7	81.0	90.2	95.3	96.2	97.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.8	98.8
≥ 300	13.7	81.0	90.2	94.3	96.2	97.3	98.4	98.8	99.0	99.1	99.1	99.4	99.4	99.4	99.6	99.6
≥ 200	13.7	81.0	90.2	94.3	96.2	97.3	98.4	98.8	99.0	99.1	99.1	99.4	99.4	99.4	99.6	99.6
≥ 100	13.7	81.0	90.2	94.3	96.2	97.3	98.4	98.8	99.0	99.1	99.1	99.4	99.4	99.4	99.6	99.6
0	13.7	81.0	90.2	94.3	96.2	97.3	98.4	98.8	99.0	99.1	99.1	99.4	99.4	99.4	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	10.1	51.0	58.0	62.5	64.7	64.7	64.9	65.5	65.6	65.9	66.1	66.2	66.7	66.7	66.8	66.9
≥ 20000	10.2	52.8	60.2	64.8	67.2	67.2	67.4	68.1	68.2	68.5	68.7	68.8	69.2	69.2	69.4	69.5
IV 18000	10.2	52.8	60.2	64.8	67.2	67.2	67.4	68.1	68.2	68.5	68.7	68.8	69.2	69.2	69.4	69.5
IV 16000	10.2	52.8	60.2	64.8	67.2	67.2	67.4	68.1	68.2	68.5	68.7	68.8	69.2	69.2	69.4	69.5
IV 14000	10.2	52.9	60.3	64.9	67.3	67.3	67.5	68.2	68.3	68.6	68.8	68.9	69.4	69.4	69.5	69.6
IV 12000	10.2	53.5	61.1	65.7	68.2	68.2	68.4	69.0	69.1	69.5	69.7	69.8	70.2	70.2	70.3	70.4
IV 10000	10.4	55.6	63.7	68.3	70.9	71.1	71.3	71.9	72.0	72.5	72.7	72.8	73.2	73.2	73.3	73.4
IV 9000	10.4	55.7	63.8	68.4	71.0	71.2	71.4	72.0	72.2	72.6	72.8	72.9	73.3	73.3	73.4	73.5
IV 8000	10.4	57.3	65.9	70.6	73.5	73.8	74.1	74.7	74.8	75.3	75.5	75.6	76.0	76.0	76.1	76.2
IV 7000	10.4	58.8	67.4	72.4	75.3	75.5	75.8	76.5	76.6	77.0	77.2	77.3	77.7	77.7	77.8	78.0
IV 6000	10.4	58.9	67.5	72.5	75.4	75.6	75.9	76.6	76.7	77.1	77.3	77.4	77.8	77.8	78.0	78.1
IV 5000	10.6	60.1	68.7	73.8	76.8	77.1	77.4	78.1	78.2	78.6	78.8	78.9	79.4	79.4	79.5	79.6
IV 4500	10.9	60.5	69.2	74.3	77.3	77.7	78.1	78.7	78.8	79.2	79.5	79.6	80.0	80.0	80.1	80.2
IV 4000	10.9	61.2	69.9	74.9	78.2	78.6	78.9	79.6	79.7	80.1	80.3	80.4	80.9	80.9	81.0	81.1
IV 3500	11.0	61.3	70.0	75.2	78.5	78.9	79.2	79.9	80.0	80.4	80.6	80.8	81.2	81.2	81.3	81.4
IV 3000	11.3	62.8	71.5	76.9	80.4	80.8	81.2	81.8	81.9	82.4	82.6	82.7	83.1	83.1	83.2	83.3
IV 2500	11.4	63.9	72.6	78.0	81.5	81.9	82.3	82.9	83.0	83.4	83.7	83.8	84.2	84.2	84.3	84.4
IV 2000	11.4	65.5	74.4	79.8	83.3	83.8	84.1	84.7	84.8	85.3	85.5	85.6	86.0	86.0	86.1	86.2
IV 1800	11.4	65.8	75.1	80.4	84.1	84.5	84.8	85.5	85.6	86.0	86.2	86.3	86.8	86.8	86.9	87.0
IV 1500	11.4	67.0	76.2	81.6	85.3	85.7	86.0	86.7	86.8	87.2	87.4	87.5	88.0	88.0	88.1	88.2
IV 1200	11.4	67.7	77.3	82.8	86.5	87.0	87.3	88.0	88.1	88.5	88.7	88.8	89.2	89.2	89.4	89.5
IV 1000	11.6	68.2	77.7	83.9	87.7	88.4	88.7	89.4	89.5	89.9	90.1	90.2	90.6	90.6	90.8	90.9
IV 900	11.6	68.3	78.0	84.7	88.8	89.5	89.8	90.6	90.9	91.3	91.5	91.6	92.0	92.0	92.2	92.3
IV 800	11.6	68.8	78.5	85.6	89.9	90.5	90.9	91.7	91.9	92.4	92.6	92.7	93.1	93.1	93.2	93.3
IV 700	11.6	68.8	78.5	85.7	90.0	90.6	91.0	92.0	92.3	92.7	92.9	93.0	93.4	93.4	93.5	93.7
IV 600	11.6	69.1	78.8	86.6	91.0	91.7	92.0	93.1	93.3	93.8	94.0	94.1	94.5	94.5	94.6	94.7
IV 500	11.6	69.1	78.9	86.8	91.5	92.3	92.7	93.8	94.0	94.4	94.6	94.7	95.2	95.2	95.3	95.4
IV 400	11.6	69.2	79.0	86.9	91.7	92.5	93.5	94.7	94.9	95.4	95.6	95.7	96.1	96.1	96.2	96.3
IV 300	11.6	69.4	79.1	87.0	92.0	92.8	94.0	95.2	95.4	95.8	96.0	96.2	96.8	96.8	97.1	97.2
IV 200	11.6	69.4	79.1	87.0	92.3	93.0	94.2	95.4	95.6	96.1	96.3	96.7	97.4	97.4	97.5	97.6
IV 100	11.6	69.4	79.1	87.0	92.3	93.0	94.2	95.4	95.6	96.1	96.3	96.7	97.4	97.4	97.5	97.6
IV 0	11.6	69.4	79.1	87.0	92.3	93.0	94.2	95.4	95.6	96.1	96.3	96.7	97.4	97.4	97.5	97.6

TOTAL NUMBER OF OBSERVATIONS 937

USAF ETAC FORM 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOUS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	13.1	57.3	61.1	63.2	64.0	64.1	64.3	64.4	64.4	64.5	64.6	64.6	64.8	64.8	64.9	64.9
≥ 20000	13.8	61.7	65.8	68.0	68.9	69.0	69.2	69.3	69.4	69.4	69.5	69.5	69.7	69.8	69.8	69.9
≥ 18000	13.8	61.8	66.0	68.2	69.1	69.2	69.4	69.5	69.6	69.7	69.7	69.7	69.9	70.0	70.0	70.1
≥ 16000	13.8	61.9	66.1	68.3	69.1	69.3	69.4	69.6	69.6	69.7	69.7	69.8	70.0	70.0	70.1	70.1
≥ 14000	13.8	62.4	66.7	68.9	69.7	69.9	70.1	70.2	70.3	70.3	70.4	70.4	70.6	70.6	70.7	70.8
≥ 12000	13.9	63.4	67.8	70.0	70.9	71.0	71.2	71.3	71.4	71.4	71.5	71.5	71.7	71.8	71.8	71.9
≥ 10000	14.3	65.9	70.6	73.0	73.9	74.1	74.2	74.4	74.4	74.5	74.5	74.6	74.8	74.8	74.9	74.9
≥ 9000	14.3	66.2	70.9	73.3	74.2	74.4	74.5	74.6	74.7	74.8	74.8	74.9	75.1	75.1	75.1	75.2
≥ 8000	14.5	68.4	73.8	76.4	77.4	77.6	77.8	78.0	78.0	78.1	78.2	78.2	78.4	78.5	78.5	78.6
≥ 7000	14.6	69.7	74.7	77.3	78.3	78.5	78.7	78.9	78.9	79.0	79.1	79.1	79.3	79.4	79.4	79.5
≥ 6000	14.6	70.2	75.2	77.9	79.0	79.2	79.3	79.5	79.5	79.6	79.7	79.7	79.9	80.0	80.0	80.1
≥ 5000	14.8	71.8	76.9	79.6	80.7	81.0	81.2	81.3	81.4	81.4	81.5	81.6	81.7	81.8	81.9	81.9
≥ 4500	14.9	72.4	77.5	80.3	81.4	81.7	81.9	82.0	82.1	82.2	82.2	82.3	82.5	82.5	82.6	82.6
≥ 4000	15.0	73.8	79.2	82.0	83.3	83.5	83.8	83.9	84.0	84.0	84.1	84.2	84.4	84.4	84.5	84.5
≥ 3500	15.0	74.4	79.7	82.6	83.9	84.2	84.4	84.6	84.6	84.7	84.8	84.8	85.0	85.1	85.1	85.2
≥ 3000	15.1	76.1	81.6	84.6	86.0	86.3	86.6	86.7	86.8	86.8	86.9	87.0	87.2	87.2	87.3	87.3
≥ 2500	15.2	77.0	82.7	85.7	87.2	87.5	87.7	87.9	87.9	88.0	88.1	88.2	88.3	88.4	88.5	88.5
≥ 2000	15.4	78.3	84.2	87.2	88.7	89.1	89.4	89.6	89.6	89.7	89.8	89.8	90.0	90.1	90.1	90.2
≥ 1800	15.4	78.9	84.9	88.0	89.6	90.0	90.3	90.4	90.5	90.6	90.7	90.7	90.9	91.0	91.0	91.1
≥ 1500	15.5	80.1	86.2	89.4	91.0	91.5	91.8	91.9	92.0	92.1	92.2	92.2	92.4	92.5	92.5	92.6
≥ 1200	15.5	80.9	87.2	90.4	92.2	92.7	93.0	93.2	93.2	93.3	93.4	93.4	93.6	93.7	93.7	93.8
≥ 1000	15.6	81.5	88.0	91.4	93.3	93.9	94.2	94.4	94.4	94.6	94.6	94.7	94.9	94.9	95.0	95.1
≥ 900	15.6	81.6	88.2	91.8	93.7	94.4	94.8	95.0	95.1	95.2	95.3	95.3	95.5	95.6	95.6	95.7
≥ 800	15.6	81.9	88.5	92.2	94.3	95.0	95.5	95.7	95.7	95.8	95.9	96.0	96.2	96.2	96.3	96.4
≥ 700	15.6	81.9	88.6	92.5	94.7	95.5	96.0	96.2	96.3	96.4	96.5	96.5	96.7	96.8	96.8	96.9
≥ 600	15.6	82.0	88.8	92.8	95.1	96.0	96.5	96.7	96.8	96.9	97.0	97.1	97.2	97.3	97.4	97.4
≥ 500	15.6	82.1	88.9	93.1	95.7	96.6	97.2	97.5	97.6	97.7	97.8	97.8	98.0	98.1	98.1	98.2
≥ 400	15.6	82.2	89.0	93.2	95.9	96.8	97.6	98.0	98.1	98.2	98.3	98.3	98.5	98.6	98.6	98.7
≥ 300	15.6	82.2	89.0	93.2	96.0	96.9	97.8	98.2	98.3	98.5	98.6	98.7	98.9	98.9	99.0	99.1
≥ 200	15.6	82.2	89.0	93.2	96.0	97.0	97.8	98.2	98.3	98.5	98.6	98.7	98.9	99.1	99.2	99.3
≥ 100	15.6	82.2	89.0	93.2	96.0	97.0	97.8	98.3	98.4	98.6	98.7	98.9	99.2	99.3	99.5	99.7
≥ 0	15.6	82.2	89.0	93.2	96.0	97.0	97.8	98.3	98.4	98.6	98.7	98.9	99.2	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7280

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	7.8	45.6	49.3	52.7	54.1	54.2	54.5	55.2	55.2	55.3	55.7	55.7	55.7	55.7	55.9	56.4
≥ 20000	8.7	48.3	52.6	56.5	58.1	58.5	59.0	59.6	59.6	59.8	60.2	60.2	60.2	60.3	60.4	61.1
≥ 18000	8.7	48.3	52.6	56.5	58.1	58.5	59.0	59.6	59.6	59.8	60.2	60.2	60.2	60.3	60.4	61.1
≥ 16000	8.7	48.3	52.6	56.5	58.1	58.5	59.0	59.6	59.6	59.8	60.2	60.2	60.2	60.3	60.4	61.1
≥ 14000	8.8	49.1	53.5	57.6	59.2	59.8	60.2	60.9	60.9	61.0	61.4	61.4	61.4	61.5	61.6	62.3
≥ 12000	8.9	49.8	54.4	58.4	60.3	60.9	61.4	62.2	62.2	62.4	62.9	62.9	62.9	63.0	63.1	63.8
≥ 10000	8.9	50.9	55.9	60.4	62.1	62.8	63.4	64.2	64.2	64.4	64.9	64.9	65.0	65.1	65.2	65.9
≥ 9000	8.9	51.2	56.1	60.6	62.3	63.1	63.8	64.5	64.5	64.8	65.2	65.2	65.3	65.4	65.6	66.2
≥ 8000	9.0	52.8	58.2	63.0	64.7	65.4	66.2	67.0	67.0	67.2	67.7	67.7	67.8	67.9	68.0	68.7
≥ 7000	9.1	53.7	59.1	64.0	65.8	66.4	67.4	68.2	68.2	68.5	68.9	68.9	69.2	69.3	69.5	70.1
≥ 6000	9.1	54.4	60.0	64.9	66.8	67.7	68.6	69.3	69.3	69.6	70.0	70.0	70.3	70.5	70.6	71.2
≥ 5000	9.5	55.7	61.5	66.7	68.8	69.7	70.6	71.3	71.3	71.6	72.0	72.0	72.4	72.5	72.6	73.2
≥ 4500	9.9	57.2	63.1	68.2	70.3	71.3	72.4	73.1	73.1	73.4	73.8	73.8	74.1	74.2	74.4	75.0
≥ 4000	9.9	58.3	64.3	69.5	71.6	72.6	73.7	74.5	74.5	74.7	75.1	75.1	75.5	75.6	75.7	76.4
≥ 3500	10.0	58.4	64.4	69.6	71.8	72.8	73.9	74.7	74.7	74.9	75.4	75.4	75.7	75.8	75.9	76.6
≥ 3000	10.1	59.8	66.0	71.3	73.8	74.9	76.0	76.9	77.0	77.3	77.7	77.7	78.0	78.1	78.3	78.9
≥ 2500	10.1	60.4	66.8	72.4	74.8	76.0	77.1	78.0	78.1	78.4	78.8	78.8	79.3	79.4	79.5	80.2
≥ 2000	10.1	60.5	67.0	72.7	75.4	76.6	77.8	78.7	78.8	79.0	79.5	79.5	79.9	80.0	80.2	80.8
≥ 1800	10.1	60.6	67.1	72.9	75.6	76.8	78.1	79.0	79.2	79.4	79.8	79.8	80.3	80.4	80.5	81.2
≥ 1500	10.1	61.2	67.8	73.7	76.5	77.9	79.4	80.3	80.5	80.7	81.2	81.2	81.6	81.7	81.8	82.5
≥ 1200	10.1	61.9	68.7	74.7	77.8	79.4	80.9	81.9	82.2	82.4	82.8	82.8	83.3	83.4	83.5	84.2
≥ 1000	10.1	62.2	69.2	75.3	78.5	80.0	81.7	82.7	82.9	83.3	83.7	83.7	84.2	84.3	84.4	85.1
≥ 900	10.1	62.3	69.3	75.5	78.9	80.5	82.3	83.4	83.7	84.1	84.5	84.5	84.9	85.1	85.2	85.8
≥ 800	10.3	62.7	69.7	76.0	79.7	81.3	83.3	84.5	84.8	85.2	85.6	85.6	86.1	86.2	86.3	87.0
≥ 700	10.3	62.9	70.0	76.8	80.5	82.3	84.3	86.0	86.3	86.6	87.1	87.1	87.5	87.6	87.7	88.4
≥ 600	10.4	63.0	70.1	77.0	81.3	83.2	85.5	87.2	87.5	88.0	88.4	88.4	89.0	89.1	89.2	89.9
≥ 500	10.4	63.2	70.3	77.9	82.4	84.7	87.1	89.1	89.5	90.3	90.9	90.9	91.4	91.5	91.6	92.3
≥ 400	10.4	63.3	70.5	78.0	82.6	85.2	88.3	90.7	91.3	92.3	92.9	92.9	93.8	93.8	93.9	94.5
≥ 300	10.4	63.3	70.5	78.0	82.7	85.5	88.7	91.8	92.3	93.2	94.1	94.1	94.9	95.2	95.7	96.3
≥ 200	10.4	63.3	70.5	78.0	82.7	85.5	89.0	92.0	93.1	94.3	95.5	95.8	96.8	97.4	98.1	99.9
≥ 100	10.4	63.3	70.5	78.0	82.7	85.5	89.0	92.0	93.1	94.3	95.5	95.8	96.8	97.4	98.1	99.9
≥ 0	10.4	63.3	70.5	78.0	82.7	85.5	89.0	92.0	93.1	94.3	95.5	95.8	96.8	97.4	98.1	99.9

TOTAL NUMBER OF OBSERVATIONS 897

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030 POPE AFB NC

74-83

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	10.6	49.6	52.4	53.7	54.0	54.1	54.2	54.2	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.4
≥ 20000	11.7	55.0	58.4	60.0	60.4	60.5	60.6	60.8	60.8	61.0	61.1	61.1	61.1	61.1	61.1	61.1
≥ 18000	11.7	55.0	58.4	60.0	60.4	60.5	60.6	60.8	60.8	61.0	61.1	61.1	61.1	61.1	61.1	61.1
≥ 16000	11.7	55.0	58.4	60.0	60.4	60.5	60.6	60.8	60.8	61.0	61.1	61.1	61.1	61.1	61.1	61.1
≥ 14000	11.7	55.0	58.4	60.0	60.4	60.5	60.6	60.8	60.8	61.0	61.1	61.1	61.1	61.1	61.1	61.1
≥ 12000	11.7	55.0	58.4	60.0	60.4	60.5	60.6	60.8	60.8	61.0	61.1	61.1	61.1	61.1	61.1	61.1
≥ 10000	11.7	55.0	58.4	60.0	60.4	60.5	60.6	60.8	60.8	61.0	61.1	61.1	61.1	61.1	61.1	61.1
≥ 9000	12.2	59.2	63.2	65.0	65.6	65.7	65.8	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 8000	12.2	59.2	63.2	65.0	65.6	65.7	65.8	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 7000	12.2	59.2	63.2	65.0	65.6	65.7	65.8	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 6000	12.2	59.2	63.2	65.0	65.6	65.7	65.8	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 5000	12.2	59.2	63.2	65.0	65.6	65.7	65.8	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 4500	12.2	59.2	63.2	65.0	65.6	65.7	65.8	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 4000	12.2	59.2	63.2	65.0	65.6	65.7	65.8	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 3500	12.2	59.2	63.2	65.0	65.6	65.7	65.8	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 3000	12.2	59.2	63.2	65.0	65.6	65.7	65.8	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 2500	12.2	59.2	63.2	65.0	65.6	65.7	65.8	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 2000	12.2	59.2	63.2	65.0	65.6	65.7	65.8	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 1800	12.2	59.2	63.2	65.0	65.6	65.7	65.8	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 1500	12.2	59.2	63.2	65.0	65.6	65.7	65.8	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 1200	12.2	59.2	63.2	65.0	65.6	65.7	65.8	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 1000	12.2	59.2	63.2	65.0	65.6	65.7	65.8	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 900	12.2	59.2	63.2	65.0	65.6	65.7	65.8	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 800	12.2	59.2	63.2	65.0	65.6	65.7	65.8	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 700	12.2	59.2	63.2	65.0	65.6	65.7	65.8	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 600	12.2	59.2	63.2	65.0	65.6	65.7	65.8	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 500	12.2	59.2	63.2	65.0	65.6	65.7	65.8	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 400	12.2	59.2	63.2	65.0	65.6	65.7	65.8	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 300	12.2	59.2	63.2	65.0	65.6	65.7	65.8	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 200	12.2	59.2	63.2	65.0	65.6	65.7	65.8	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 100	12.2	59.2	63.2	65.0	65.6	65.7	65.8	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 0	12.2	59.2	63.2	65.0	65.6	65.7	65.8	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3

TOTAL NUMBER OF OBSERVATIONS 897

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030
STATION

POPE AFB NC

STATION NAME

74-83

YEARS

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0000
HOURS U.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	13.0	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 20000	13.7	63.4	64.0	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 18000	13.7	63.9	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 16000	13.7	64.0	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 14000	13.8	65.1	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 12000	14.0	66.6	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 10000	14.0	68.8	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 9000	14.0	69.6	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 8000	14.3	72.9	73.5	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 7000	14.5	73.9	74.6	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 6000	14.7	74.8	75.5	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 5000	15.1	75.9	76.6	76.7	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 4500	15.4	76.5	77.3	77.4	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 4000	15.5	77.4	78.1	78.5	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 3500	15.5	78.7	79.5	79.8	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 3000	15.8	81.0	81.9	82.4	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 2500	15.8	82.4	83.3	83.7	84.4	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 2000	15.8	84.1	85.3	85.7	86.5	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 1800	15.8	84.4	85.8	86.4	87.2	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 1500	15.8	86.3	87.7	88.3	89.1	89.2	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 1200	15.8	87.4	89.3	90.0	90.9	91.0	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 1000	15.8	87.6	89.7	91.0	92.1	92.4	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 900	15.8	88.2	90.3	91.6	92.9	93.3	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 800	15.8	88.9	91.2	92.5	93.8	94.5	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 700	15.8	89.0	91.4	93.1	94.5	95.3	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 600	15.8	89.3	91.6	93.8	95.5	96.4	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 500	15.8	89.1	91.8	93.9	95.9	96.8	97.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 400	15.8	89.1	91.8	93.9	96.0	97.0	97.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 300	15.8	89.1	91.8	93.9	96.0	97.0	97.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	15.8	89.1	91.8	93.9	96.0	97.0	97.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	15.8	89.1	91.8	93.9	96.0	97.0	97.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	15.8	89.1	91.8	93.9	96.0	97.0	97.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	15.4	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV 20000	16.4	65.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 18000	16.4	65.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 16000	16.4	65.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 14000	16.4	66.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 12000	16.7	67.4	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
IV 10000	17.1	70.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 9000	17.1	70.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 8000	17.1	70.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 7000	17.1	70.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 6000	17.1	70.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 5000	17.1	70.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 4500	17.1	70.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 4000	17.1	70.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 3500	18.1	83.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 3000	18.1	83.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 2500	18.1	83.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 2000	18.1	83.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 1800	18.1	83.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 1500	18.1	83.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 1200	18.1	83.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 1000	18.1	83.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 900	18.1	83.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 800	18.1	83.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 700	18.1	83.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 600	18.1	83.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 500	18.1	83.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 400	18.1	83.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 300	18.1	83.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 200	18.1	83.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 100	18.1	83.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 0	18.1	83.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2

TOTAL NUMBER OF OBSERVATIONS 897

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030
STATION

POPE AFB NC

STATION NAME

74-83

YEARS

NOV

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	11.4	59.0	59.7	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	12.4	64.4	65.0	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 18000	12.4	64.5	65.5	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 16000	12.4	64.6	65.6	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 14000	12.4	65.0	66.0	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 12000	12.4	66.1	67.2	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 10000	12.8	68.2	69.3	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 9000	12.8	68.3	69.4	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 8000	13.0	71.7	73.2	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 7000	13.3	73.7	75.0	75.0	75.0	75.0	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 6000	13.3	75.1	76.9	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 5000	13.4	77.2	79.0	79.4	79.4	79.4	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4500	13.4	77.8	79.7	80.2	80.3	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4000	13.5	79.7	82.1	83.1	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3500	13.5	80.7	83.2	84.4	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3000	13.6	83.1	86.1	87.3	87.4	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2500	13.6	83.8	86.8	87.9	88.0	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2000	13.6	84.4	87.5	88.6	88.8	88.9	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1800	13.6	84.6	87.8	88.9	89.2	89.3	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500	13.6	85.0	88.5	89.6	89.8	89.9	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1200	13.6	85.7	89.4	90.6	90.9	91.1	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1000	13.7	86.0	90.2	91.4	91.7	92.2	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 900	13.7	86.0	90.2	91.5	91.7	92.2	92.6	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 800	13.7	86.0	90.2	91.5	91.7	92.2	92.6	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 700	13.7	86.3	90.6	92.3	93.1	93.6	94.1	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 600	13.7	86.7	90.8	92.3	93.1	93.6	94.1	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 500	13.7	86.9	91.2	93.0	93.4	93.8	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 400	13.7	86.9	91.2	93.0	93.4	93.8	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 300	13.7	86.9	91.2	93.0	93.4	93.8	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 200	13.7	86.9	91.2	93.0	93.4	93.8	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 100	13.7	86.9	91.2	93.0	93.4	93.8	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 0	13.7	86.9	91.2	93.0	93.4	93.8	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9

TOTAL NUMBER OF OBSERVATIONS 895

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	11.8	58.9	61.0	61.1	61.4	61.6	61.7	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 20000	12.0	62.0	66.2	66.3	66.7	66.9	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 18000	12.0	64.2	66.6	66.7	67.0	67.2	67.3	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 16000	12.0	64.2	66.6	66.7	67.0	67.2	67.3	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 14000	12.0	64.2	66.7	66.8	67.1	67.3	67.4	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 12000	12.0	65.8	68.1	68.2	68.6	68.8	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 10000	12.3	68.6	70.9	71.0	71.4	71.6	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 9000	12.3	68.7	71.0	71.3	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 8000	12.9	71.4	73.8	74.2	74.5	74.7	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 7000	12.9	73.3	75.7	76.1	76.4	76.6	76.7	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 6000	12.9	73.9	76.5	77.0	77.3	77.5	77.6	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 5000	13.0	75.7	78.5	79.0	79.3	79.5	79.6	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 4500	13.0	76.2	79.0	79.6	80.0	80.3	80.5	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 4000	13.0	77.0	79.8	80.5	80.9	81.2	81.4	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 3500	13.0	78.2	81.0	81.8	82.1	82.4	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 3000	13.1	79.8	83.2	84.2	84.6	84.9	85.2	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 2500	13.1	80.4	83.9	85.0	85.5	85.8	86.1	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 2000	13.1	81.0	84.6	85.7	86.5	86.9	87.2	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 1800	13.1	81.2	84.8	85.9	86.8	87.2	87.6	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 1500	13.1	81.3	85.1	86.2	87.1	87.6	88.0	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 1200	13.1	82.0	86.0	87.2	88.5	88.9	89.4	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 1000	13.1	83.1	87.1	88.4	89.9	90.4	90.9	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 900	13.1	83.1	87.4	88.6	90.3	90.8	91.4	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 800	13.1	83.1	87.5	88.7	90.6	91.2	91.8	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 700	13.1	83.2	87.6	89.1	91.3	91.9	93.0	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 600	13.1	83.2	87.6	89.3	91.7	92.4	93.6	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 500	13.1	83.3	88.3	90.3	93.1	93.8	95.3	96.1	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 400	13.1	83.3	88.4	90.4	93.2	93.9	95.4	97.4	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2
IV 300	13.1	83.3	88.4	90.4	93.8	95.1	96.9	97.7	97.9	98.4	98.5	98.5	98.5	98.5	98.5	98.5
IV 200	13.1	83.3	88.4	90.4	94.0	95.2	97.0	97.8	98.2	99.1	99.3	99.3	99.3	99.3	99.3	99.3
IV 100	13.1	83.3	88.4	90.4	94.0	95.2	97.0	97.8	98.2	99.1	99.3	99.3	99.3	99.3	99.3	99.3
IV 0	13.1	83.3	88.4	90.4	94.0	95.2	97.0	97.8	98.2	99.1	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 898

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0
NO CEILING	10.1	57.0	59.8	60.9	61.2	61.6	61.7	61.9	62.1	62.2	62.3	62.4	62.5	62.5	62.8
≥ 20000	10.5	59.5	62.6	63.6	64.0	64.4	64.5	64.7	64.9	65.0	65.1	65.2	65.3	65.4	65.5
≥ 18000	10.5	59.8	63.1	64.1	64.4	64.9	65.0	65.1	65.3	65.4	65.5	65.7	65.8	65.9	66.0
≥ 16000	10.5	60.2	63.4	64.4	64.8	65.2	65.3	65.4	65.7	65.8	65.9	66.0	66.1	66.2	66.3
≥ 14000	10.9	60.6	63.9	64.9	65.2	65.7	65.8	65.9	66.1	66.2	66.3	66.4	66.6	66.6	66.8
≥ 12000	11.0	61.4	64.7	65.7	66.0	66.4	66.6	66.7	66.9	67.0	67.1	67.2	67.3	67.3	67.6
≥ 10000	11.1	63.6	66.9	67.9	68.2	68.7	68.8	68.9	69.1	69.2	69.4	69.5	69.6	69.6	69.8
≥ 9000	11.1	63.9	67.1	68.1	68.5	68.9	69.0	69.1	69.4	69.5	69.6	69.7	69.8	69.9	70.0
≥ 8000	11.3	67.1	70.4	71.4	71.7	72.1	72.3	72.4	72.6	72.7	72.8	72.9	73.0	73.0	73.3
≥ 7000	11.9	68.6	71.8	72.8	73.2	73.6	73.7	73.8	74.0	74.2	74.3	74.4	74.5	74.5	74.7
≥ 6000	12.0	69.7	72.9	74.2	74.5	74.9	75.1	75.2	75.4	75.5	75.6	75.7	75.8	75.8	76.1
≥ 5000	12.3	71.0	74.4	75.6	76.0	76.5	76.6	76.7	77.0	77.1	77.2	77.3	77.4	77.4	77.6
≥ 4500	12.6	72.1	75.6	77.1	77.4	78.0	78.2	78.5	78.7	78.9	79.0	79.1	79.2	79.2	79.4
≥ 4000	12.8	73.7	77.4	78.9	79.3	79.9	80.1	80.4	80.6	80.8	80.9	81.0	81.1	81.1	81.3
≥ 3500	12.9	74.6	78.4	79.9	80.3	80.9	81.1	81.4	81.7	81.8	81.9	82.0	82.1	82.1	82.3
≥ 3000	12.9	75.5	79.4	81.1	81.7	82.2	82.4	82.8	83.0	83.1	83.2	83.3	83.4	83.4	83.7
≥ 2500	12.9	75.7	79.8	81.4	82.3	83.1	83.4	83.8	84.0	84.1	84.2	84.3	84.5	84.5	84.7
≥ 2000	13.1	76.5	80.6	82.6	83.7	84.6	85.0	85.3	85.6	85.7	85.8	85.9	86.0	86.0	86.2
≥ 1800	13.1	76.5	80.6	82.7	84.1	85.0	85.5	85.8	86.0	86.1	86.2	86.4	86.5	86.5	86.7
≥ 1500	13.2	76.6	80.8	82.8	84.5	85.4	86.0	86.5	86.7	86.8	86.9	87.0	87.1	87.1	87.4
≥ 1200	13.2	77.2	81.3	83.4	85.3	86.7	87.2	87.9	88.1	88.4	88.6	88.7	88.8	88.8	89.0
≥ 1000	13.2	77.3	81.5	84.2	86.2	87.7	88.1	89.0	89.3	89.6	89.8	89.9	90.0	90.0	90.3
≥ 900	13.2	77.3	81.5	84.2	86.4	87.8	88.3	89.1	89.4	89.7	89.9	90.0	90.2	90.2	90.4
≥ 800	13.2	77.3	81.5	84.2	86.5	87.9	88.5	89.5	89.8	90.2	90.4	90.5	90.6	90.6	90.8
≥ 700	13.2	77.4	81.7	84.3	86.7	88.3	88.8	89.9	90.3	90.6	90.8	90.9	91.1	91.1	91.3
≥ 600	13.2	77.5	82.0	84.8	87.7	88.8	89.6	90.8	91.2	91.5	91.7	91.8	91.9	91.9	92.2
≥ 500	13.2	77.6	82.2	85.2	88.0	89.8	90.6	92.1	92.6	93.0	93.2	93.3	93.4	93.4	93.6
≥ 400	13.2	77.6	82.2	85.6	88.5	90.7	92.4	94.3	95.2	95.3	95.9	96.0	96.1	96.1	96.3
≥ 300	13.2	77.6	82.2	85.6	88.5	90.8	92.6	94.9	95.7	96.2	96.5	96.8	96.9	96.9	97.2
≥ 200	13.2	77.6	82.2	85.6	88.6	90.9	92.8	95.3	96.2	97.1	97.4	97.8	98.0	98.0	98.3
≥ 100	13.2	77.6	82.2	85.6	88.6	90.9	92.8	95.3	96.3	97.4	98.0	98.3	98.7	99.0	100.0
≥ 0	13.2	77.6	82.2	85.6	88.6	90.9	92.8	95.3	96.3	97.4	98.0	98.3	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 894

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING 'FEET'	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5-16	≥4	≥0
NO CEILING	10.4	53.6	56.7	58.7	59.8	60.3	61.0	61.9	62.2	62.2	62.2	62.4	62.4	62.4	62.5	62.8	
≥ 20000	10.6	54.6	57.9	60.2	61.3	61.9	62.5	63.4	63.8	63.9	63.9	64.1	64.1	64.1	64.2	64.4	
≥ 18000	10.6	54.6	57.9	60.2	61.3	61.9	62.5	63.4	63.8	63.9	63.9	64.1	64.1	64.1	64.2	64.4	
≥ 16000	10.6	54.6	57.9	60.2	61.3	61.9	62.5	63.4	63.8	63.9	63.9	64.1	64.1	64.1	64.2	64.4	
≥ 14000	10.6	54.8	58.2	60.4	61.5	62.1	62.8	63.6	64.0	64.1	64.1	64.3	64.3	64.3	64.4	64.7	
≥ 12000	10.6	55.4	58.7	61.0	62.3	62.6	63.3	64.2	64.5	64.7	64.7	64.9	64.9	64.9	65.0	65.2	
≥ 10000	10.6	58.3	61.7	64.0	65.3	65.7	66.3	67.2	67.6	67.7	67.7	67.9	67.9	67.9	68.0	68.2	
≥ 9000	10.6	58.5	62.0	64.2	65.3	65.9	66.6	67.4	67.8	67.9	67.9	68.1	68.1	68.1	68.2	68.5	
≥ 8000	11.2	62.4	65.9	68.3	69.5	70.0	70.7	71.6	71.9	72.0	72.0	72.3	72.3	72.3	72.4	72.6	
≥ 7000	11.2	63.9	67.3	69.8	70.9	71.5	72.3	73.0	73.4	73.5	73.5	73.7	73.7	73.7	73.8	74.0	
≥ 6000	11.2	64.9	68.5	70.9	72.0	72.6	73.3	74.2	74.5	74.6	74.6	74.8	74.8	74.8	74.9	75.2	
≥ 5000	11.2	65.5	69.2	71.7	72.9	73.5	74.2	75.1	75.4	75.5	75.5	75.7	75.7	75.7	75.8	76.1	
≥ 4500	11.9	66.7	70.4	72.9	74.2	74.7	75.4	76.3	76.6	76.7	76.7	77.0	77.0	77.0	77.1	77.3	
≥ 4000	11.9	68.1	72.0	74.4	75.8	76.4	77.2	78.1	78.4	78.5	78.5	78.7	78.7	78.7	78.9	79.1	
≥ 3500	11.9	68.3	72.5	75.1	76.3	77.0	77.7	78.6	79.0	79.1	79.1	79.3	79.3	79.3	79.4	79.6	
≥ 3000	11.9	70.2	74.5	77.4	78.6	79.4	80.2	81.1	81.4	81.5	81.5	81.8	81.8	81.8	81.9	82.1	
≥ 2500	11.9	70.7	75.2	78.1	79.4	80.2	81.1	82.0	82.3	82.4	82.4	82.6	82.6	82.6	82.9	83.1	
≥ 2000	11.9	71.4	76.1	79.1	80.5	81.3	82.3	83.2	83.6	83.7	83.8	84.0	84.0	84.0	84.1	84.3	
≥ 1800	11.9	71.6	76.3	79.3	80.9	81.8	82.8	83.7	84.0	84.1	84.2	84.5	84.5	84.5	84.6	84.8	
≥ 1500	11.9	71.9	76.6	79.6	81.7	82.4	83.4	84.7	85.0	85.1	85.2	85.5	85.5	85.5	85.6	85.8	
≥ 1200	11.9	72.3	77.1	80.2	82.2	83.1	84.3	85.6	85.9	86.1	86.2	86.5	86.5	86.5	86.6	86.8	
≥ 1000	11.9	72.6	77.5	80.6	82.8	83.8	85.1	86.6	86.9	87.1	87.2	87.5	87.5	87.5	87.6	87.8	
≥ 900	11.9	72.6	77.6	80.9	83.0	84.0	85.3	86.8	87.1	87.5	87.6	87.8	87.8	87.8	87.9	88.1	
≥ 800	11.9	73.0	78.1	81.5	83.8	84.8	86.1	88.0	88.4	88.7	88.8	89.0	89.0	89.0	89.1	89.4	
≥ 700	11.9	73.3	78.4	81.9	84.2	85.2	86.7	88.6	89.0	89.4	89.5	89.7	89.7	89.7	89.8	90.0	
≥ 600	11.9	73.6	78.7	82.3	84.7	85.8	87.2	89.3	89.8	90.2	90.3	90.5	90.5	90.5	90.6	90.8	
≥ 500	11.9	73.7	79.2	83.4	86.5	87.8	89.9	92.1	92.6	93.0	93.1	93.3	93.3	93.3	93.4	93.6	
≥ 400	11.9	73.7	79.2	83.4	86.5	87.8	89.9	92.5	93.2	93.6	93.7	94.0	94.0	94.0	94.1	94.3	
≥ 300	11.9	73.7	79.3	83.6	86.6	88.0	89.8	93.0	93.8	94.6	94.7	95.1	95.1	95.1	95.6	95.9	
≥ 200	11.9	73.7	79.3	83.6	86.7	88.1	89.9	93.3	94.3	95.6	96.3	96.6	97.3	97.4	97.5	97.9	
≥ 100	11.9	73.7	79.3	83.6	86.7	88.1	89.9	93.3	94.5	96.0	96.8	97.2	97.9	98.3	99.0	99.7	
0	11.9	73.7	79.3	83.6	86.7	88.1	89.9	93.3	94.5	96.0	96.8	97.2	97.9	98.3	99.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 828

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

74-83

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 11.51

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	11.2	54.7	56.7	57.7	58.1	58.3	58.5	58.7	58.8	58.8	58.9	59.0	59.0	59.0	59.0	59.1
IV 20000	12.0	59.1	61.4	62.6	63.0	63.3	63.4	63.7	63.8	63.8	63.9	64.0	64.0	64.0	64.0	64.2
IV 18000	12.0	59.4	61.8	62.9	63.4	63.6	63.8	64.1	64.1	64.2	64.3	64.3	64.4	64.4	64.4	64.5
IV 16000	12.0	59.6	61.9	63.1	63.5	63.8	64.0	64.2	64.3	64.4	64.5	64.5	64.5	64.5	64.6	64.7
IV 14000	12.1	60.2	62.6	63.8	64.2	64.5	64.7	64.9	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.4
IV 12000	12.2	61.2	63.7	64.9	65.4	65.6	65.8	66.1	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.6
IV 10000	12.4	63.5	66.0	67.3	67.8	68.0	68.3	68.5	68.6	68.7	68.8	68.8	68.8	68.9	68.9	69.0
IV 9000	12.4	63.8	66.3	67.6	68.1	68.4	68.6	68.9	68.9	69.0	69.1	69.2	69.2	69.2	69.2	69.4
IV 8000	12.6	67.0	69.6	71.0	71.6	71.9	72.1	72.4	72.4	72.5	72.6	72.7	72.7	72.7	72.7	72.9
IV 7000	12.8	68.3	71.0	72.4	73.0	73.3	73.5	73.8	73.9	74.0	74.0	74.1	74.1	74.2	74.2	74.3
IV 6000	12.9	69.3	72.1	73.5	74.1	74.4	74.7	75.0	75.0	75.1	75.2	75.3	75.3	75.3	75.4	75.5
IV 5000	13.1	70.7	73.7	75.2	75.9	76.2	76.5	76.8	76.9	77.0	77.0	77.1	77.1	77.2	77.2	77.3
IV 4500	13.4	71.6	74.5	76.2	76.8	77.2	77.5	77.8	77.9	78.0	78.1	78.1	78.2	78.2	78.2	78.4
IV 4000	13.4	72.9	76.1	77.9	78.5	78.9	79.2	79.6	79.6	79.7	79.8	79.9	79.9	79.9	80.0	80.1
IV 3500	13.5	73.8	77.0	78.8	79.5	79.9	80.2	80.6	80.6	80.7	80.8	80.9	80.9	80.9	81.0	81.1
IV 3000	13.6	75.4	78.9	81.0	81.7	82.2	82.6	83.0	83.0	83.1	83.2	83.3	83.3	83.3	83.4	83.5
IV 2500	13.6	76.1	79.7	81.8	82.7	83.2	83.7	84.1	84.2	84.3	84.4	84.4	84.5	84.5	84.5	84.6
IV 2000	13.6	76.8	80.6	82.7	83.8	84.3	84.8	85.2	85.3	85.4	85.5	85.5	85.6	85.6	85.7	85.8
IV 1800	13.6	77.1	80.9	83.1	84.2	84.8	85.3	85.7	85.8	85.9	86.0	86.0	86.1	86.1	86.2	86.3
IV 1500	13.6	77.8	81.7	84.0	85.2	85.8	86.3	86.8	86.9	87.0	87.1	87.1	87.2	87.2	87.2	87.4
IV 1200	13.6	78.4	82.5	84.9	86.3	87.0	87.6	88.2	88.3	88.4	88.5	88.6	88.7	88.7	88.7	88.8
IV 1000	13.6	78.8	83.2	85.8	87.4	88.2	88.9	89.5	89.6	89.8	89.9	90.0	90.0	90.0	90.1	90.2
IV 900	13.6	79.0	83.5	86.2	87.9	88.7	89.4	90.1	90.2	90.4	90.5	90.6	90.6	90.7	90.7	90.8
IV 800	13.7	79.4	84.0	86.7	88.5	89.4	90.2	91.0	91.2	91.3	91.5	91.5	91.6	91.6	91.6	91.8
IV 700	13.7	79.6	84.3	87.3	89.3	90.3	91.2	92.1	92.3	92.4	92.6	92.6	92.7	92.7	92.7	92.9
IV 600	13.7	79.7	84.4	87.6	89.9	91.0	92.1	93.1	93.2	93.3	93.6	93.6	93.7	93.7	93.8	93.9
IV 500	13.7	79.8	84.7	88.2	90.8	92.2	93.4	94.6	94.9	95.2	95.4	95.5	95.6	95.6	95.6	95.8
IV 400	13.7	79.9	84.8	88.4	91.1	92.7	94.2	95.7	96.1	96.5	96.7	96.8	96.9	96.9	97.0	97.1
IV 300	13.7	79.9	84.8	88.4	91.2	92.8	94.4	96.1	96.6	97.1	97.4	97.5	97.7	97.8	97.9	98.0
IV 200	13.7	79.9	84.8	88.4	91.2	92.8	94.5	96.4	96.9	97.7	98.2	98.3	98.7	98.8	98.9	99.1
IV 100	13.7	79.9	84.8	88.4	91.2	92.8	94.5	96.4	97.0	97.9	98.4	98.5	99.0	99.2	99.4	99.9
IV 0	13.7	79.9	84.8	88.4	91.2	92.8	94.5	96.4	97.0	97.9	98.4	98.5	99.0	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7165

USAF ETAC FORM 7-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

73-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING	14.0	50.3	51.0	51.7	52.2	52.3	52.3	52.6	52.6	52.7	52.7	52.7	52.8	52.8	52.8	52.8
≥ 20000	14.7	52.9	53.8	54.5	54.9	55.1	55.1	55.5	55.5	55.6	55.6	55.6	55.7	55.7	55.7	55.7
≥ 18000	14.7	53.0	53.9	54.6	55.1	55.2	55.2	55.6	55.6	55.7	55.7	55.7	55.8	55.8	55.8	55.8
≥ 16000	14.7	53.2	54.1	54.8	55.3	55.4	55.4	55.8	55.8	55.9	55.9	55.9	56.0	56.0	56.0	56.0
≥ 14000	14.8	53.9	54.7	55.4	56.0	56.1	56.1	56.6	56.6	56.7	56.7	56.7	56.8	56.8	56.8	56.8
≥ 12000	14.9	55.2	56.1	57.0	57.4	57.5	57.5	58.0	58.0	58.1	58.1	58.1	58.2	58.2	58.2	58.2
≥ 10000	15.2	56.7	57.7	58.7	59.2	59.4	59.4	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.0
≥ 9000	15.4	57.2	58.4	59.4	59.9	60.0	60.0	60.4	60.4	60.5	60.5	60.5	60.6	60.6	60.6	60.6
≥ 8000	15.4	59.0	60.3	61.4	62.0	62.2	62.2	62.6	62.6	62.7	62.7	62.7	62.8	62.8	62.8	62.8
≥ 7000	15.4	59.9	61.3	62.4	63.2	63.3	63.3	63.8	63.8	63.9	63.9	63.9	64.0	64.0	64.1	64.1
≥ 6000	15.5	61.0	62.8	63.9	64.7	64.8	64.8	65.3	65.3	65.4	65.4	65.4	65.5	65.5	65.6	65.6
≥ 5000	15.9	63.8	65.6	66.9	67.7	68.0	68.0	68.4	68.4	68.5	68.5	68.5	68.6	68.6	68.7	68.7
≥ 4500	16.0	65.5	67.3	68.6	69.8	70.2	70.2	70.6	70.6	70.8	70.8	70.8	70.9	70.9	71.0	71.0
≥ 4000	16.3	66.9	68.8	70.1	71.5	72.0	72.2	72.6	72.6	72.7	72.7	72.7	72.8	72.8	72.9	72.9
≥ 3500	16.1	68.2	70.1	71.5	72.9	73.4	73.5	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.4	74.4
≥ 3000	16.2	69.2	71.4	72.9	74.3	74.9	75.1	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.9	75.9
≥ 2500	16.3	69.9	72.3	73.9	75.4	76.0	76.2	76.8	76.8	76.9	76.9	77.0	77.1	77.1	77.2	77.2
≥ 2000	16.5	70.9	73.3	75.1	76.6	77.2	77.6	78.3	78.3	78.4	78.4	78.5	78.6	78.6	78.7	78.7
≥ 1800	16.6	71.9	74.5	76.2	77.7	78.4	78.9	79.6	79.6	79.7	79.7	79.8	79.9	79.9	80.0	80.0
≥ 1500	16.7	73.4	76.2	78.3	80.1	80.8	81.4	82.0	82.0	82.2	82.2	82.3	82.4	82.4	82.5	82.5
≥ 1200	16.8	74.2	77.0	79.0	81.0	81.6	82.3	82.9	82.9	83.0	83.0	83.1	83.2	83.2	83.3	83.3
≥ 1000	16.8	74.9	77.6	79.7	81.9	82.6	83.4	84.2	84.2	84.3	84.3	84.4	84.6	84.6	84.7	84.7
≥ 900	16.8	75.2	78.4	80.5	82.9	83.9	84.6	85.4	85.4	85.5	85.5	85.6	85.8	85.8	85.9	85.9
≥ 800	16.8	75.9	79.2	81.9	84.2	85.3	86.2	86.9	86.9	87.0	87.0	87.1	87.3	87.3	87.4	87.4
≥ 700	16.8	75.8	79.4	81.8	84.6	86.2	87.3	88.3	88.4	88.5	88.6	88.7	88.9	88.9	89.0	89.1
≥ 600	16.8	76.1	79.8	82.3	85.7	87.6	89.0	90.1	90.2	90.3	90.5	90.6	90.9	90.9	91.0	91.1
≥ 500	16.8	76.2	80.1	82.7	86.3	88.8	90.4	92.0	92.2	92.3	92.5	92.7	92.9	92.9	93.1	93.2
≥ 400	16.9	76.3	80.2	83.0	86.6	89.7	91.7	93.8	94.3	94.6	94.8	95.1	95.3	95.3	95.5	95.6
≥ 300	16.9	76.3	80.2	83.1	86.9	89.9	92.0	94.3	95.1	95.4	95.6	95.8	96.3	96.6	96.8	96.9
≥ 200	16.9	76.3	80.2	83.1	86.9	89.9	92.0	94.3	95.1	95.4	95.6	95.8	96.3	96.6	96.8	96.9
≥ 100	16.9	76.3	80.2	83.1	86.9	89.9	92.0	94.3	95.1	95.4	95.6	95.8	96.3	96.6	96.8	96.9
≥ 0	16.9	76.3	80.2	83.1	86.9	89.9	92.0	94.3	95.1	95.4	95.6	95.8	96.3	96.6	96.8	96.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

73-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.16	≥0
NO CEILING	14.2	48.4	49.5	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.8	50.8	50.8	50.8	50.8	50.9
≥ 20000	15.8	53.1	54.3	55.8	55.8	55.8	55.8	55.8	55.8	55.7	55.9	55.9	56.0	56.0	56.0	56.1
IVN 18000	15.5	53.3	54.8	55.7	55.7	55.7	55.7	55.7	55.8	55.9	56.1	56.1	56.2	56.2	56.2	56.3
IVN 16000	15.5	53.3	54.8	55.7	55.7	55.7	55.7	55.7	55.8	55.9	56.1	56.1	56.2	56.2	56.2	56.3
IVN 14000	15.5	54.0	55.3	56.5	56.5	56.5	56.5	56.5	56.6	56.7	56.9	56.9	57.0	57.0	57.0	57.1
IVN 12000	15.8	54.9	56.5	57.4	57.7	57.7	57.7	57.7	57.8	58.0	58.2	58.2	58.3	58.3	58.3	58.4
IVN 10000	15.9	56.0	58.5	59.7	59.8	59.8	59.8	59.8	59.9	60.0	60.2	60.2	60.3	60.3	60.3	60.4
IVN 9000	16.1	57.7	59.5	60.6	60.8	60.8	60.8	60.8	60.9	61.0	61.2	61.2	61.3	61.3	61.3	61.4
IVN 8000	16.1	59.0	61.7	63.1	63.3	63.3	63.3	63.3	63.4	63.5	63.8	63.8	63.9	63.9	63.9	64.0
IVN 7000	16.1	60.4	62.5	63.9	64.2	64.2	64.2	64.2	64.3	64.4	64.6	64.6	64.7	64.7	64.7	64.8
IVN 6000	16.3	61.5	63.5	64.9	65.2	65.3	65.3	65.3	65.4	65.5	65.7	65.7	65.8	65.8	65.8	65.9
IVN 5000	16.7	63.8	66.0	67.5	67.7	68.0	68.0	68.0	68.1	68.3	68.5	68.5	68.6	68.6	68.6	68.8
IVN 4500	16.7	65.4	68.0	69.5	69.7	69.9	69.9	69.9	70.0	70.2	70.4	70.4	70.5	70.5	70.5	70.8
IVN 4000	16.7	66.3	69.1	70.8	71.3	71.3	71.3	71.4	71.5	71.7	71.9	71.9	72.0	72.0	72.0	72.3
IVN 3500	16.8	67.6	70.6	72.7	73.0	73.3	73.3	73.4	73.5	73.8	74.0	74.0	74.1	74.1	74.1	74.3
IVN 3000	17.1	68.5	71.6	73.7	74.1	74.4	74.4	74.4	74.6	74.9	75.2	75.2	75.3	75.3	75.3	75.5
IVN 2500	17.2	69.5	72.7	75.1	75.6	75.9	75.9	76.1	76.2	76.5	76.7	76.7	76.8	76.8	76.8	77.0
IVN 2000	17.2	70.9	74.2	76.7	77.3	77.6	77.6	77.8	78.1	78.3	78.5	78.5	78.6	78.6	78.6	78.8
IVN 1800	17.2	71.4	74.7	77.2	78.1	78.5	78.5	78.9	79.1	79.4	79.7	79.7	79.8	79.8	79.8	80.0
IVN 1500	17.2	72.3	75.7	78.2	79.1	79.7	79.7	80.2	80.4	80.6	80.9	81.2	81.2	81.3	81.3	81.5
IVN 1200	17.2	72.9	76.3	78.9	79.7	80.5	81.1	81.3	81.5	81.7	82.0	82.0	82.2	82.2	82.2	82.4
IVN 1000	17.2	74.5	78.4	81.5	82.9	83.5	84.2	84.5	84.8	85.1	85.4	85.4	85.5	85.5	85.5	85.7
IVN 900	17.2	74.7	78.9	82.3	83.6	84.5	85.4	85.8	86.0	86.2	86.6	86.6	86.7	86.7	86.7	86.9
IVN 800	17.2	75.3	79.7	83.3	84.7	85.5	86.3	87.1	87.7	88.0	88.2	88.5	88.5	88.6	88.6	88.8
IVN 700	17.2	75.3	79.9	84.7	87.5	87.8	88.6	89.2	89.5	89.7	90.0	90.0	90.1	90.1	90.1	90.3
IVN 600	17.2	75.4	80.1	85.9	88.8	89.0	89.8	90.2	90.5	90.7	91.0	91.0	91.1	91.1	91.1	91.3
IVN 500	17.2	75.5	80.2	86.1	89.0	89.2	90.0	90.4	90.7	91.0	91.3	91.3	91.4	91.4	91.4	91.6
IVN 400	17.2	75.5	80.2	86.1	89.0	89.2	90.0	90.4	90.7	91.0	91.3	91.3	91.4	91.4	91.4	91.6
IVN 300	17.2	75.5	80.2	86.1	89.0	89.2	90.0	90.4	90.7	91.0	91.3	91.3	91.4	91.4	91.4	91.6
IVN 200	17.2	75.5	80.2	86.1	89.0	89.2	90.0	90.4	90.7	91.0	91.3	91.3	91.4	91.4	91.4	91.6
IVN 100	17.2	75.5	80.2	86.1	89.0	89.2	90.0	90.4	90.7	91.0	91.3	91.3	91.4	91.4	91.4	91.6
IVN 0	17.2	75.5	80.2	86.1	89.0	89.2	90.0	90.4	90.7	91.0	91.3	91.3	91.4	91.4	91.4	91.6

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 7-64 6-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030
STATION

POPE AFB NC
STATION NAME

73-82
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0900
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	14.6	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000	17.0	56.3	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
IV 18000	17.3	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 16000	17.3	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 14000	17.3	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 12000	17.4	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 10000	17.6	60.4	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 9000	17.7	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 8000	18.2	63.5	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 7000	18.2	64.7	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 6000	18.3	65.2	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 5000	18.4	68.3	69.2	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 4500	18.9	69.5	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 4000	19.2	71.8	73.0	73.0	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 3500	19.6	72.4	74.0	74.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 3000	19.6	74.5	76.3	76.6	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 2500	19.9	75.7	77.7	78.4	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 2000	19.9	76.8	79.5	80.4	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 1800	20.0	77.7	80.4	81.5	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 1500	20.0	78.6	81.5	82.9	83.9	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 1200	20.1	80.0	83.1	84.9	85.9	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 1000	20.1	80.6	84.0	86.3	87.8	87.6	88.7	88.1	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4
IV 900	20.1	88.9	84.3	86.9	88.0	88.3	88.8	88.8	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.1
IV 800	20.1	81.3	85.4	88.7	89.9	90.8	90.6	90.6	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0
IV 700	20.1	81.4	85.9	89.4	91.5	92.9	92.6	92.7	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0
IV 600	20.1	81.7	86.0	89.7	92.9	93.0	93.8	94.0	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4
IV 500	20.1	81.7	86.5	90.4	93.0	95.4	96.3	96.6	96.7	96.8	97.0	97.0	97.1	97.1	97.1	97.1
IV 400	20.1	81.7	86.5	90.6	94.3	96.2	97.2	97.6	98.1	98.3	98.6	98.6	98.7	98.7	98.7	98.7
IV 300	20.1	81.7	86.5	90.6	94.3	96.2	97.2	97.8	98.3	98.5	99.1	99.2	99.4	99.4	99.4	99.4
IV 200	20.1	81.7	86.5	90.6	94.3	96.2	97.2	98.3	98.8	99.0	99.8	99.9	100.0	100.0	100.0	100.0
IV 100	20.1	81.7	86.5	90.6	94.3	96.2	97.2	98.3	98.8	99.0	99.8	99.9	100.0	100.0	100.0	100.0
IV 0	20.1	81.7	86.5	90.6	94.3	96.2	97.2	98.3	98.8	99.0	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030
STATION

POPE AFB NC
STATION NAME

73-82
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS - I.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	16.0	52.6	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 20000	18.7	58.8	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 18000	18.7	59.1	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 16000	18.7	59.1	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 14000	19.0	59.9	60.4	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
IV 12000	19.8	61.9	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 10000	19.9	64.0	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 9000	19.9	64.2	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 8000	20.3	66.5	67.0	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 7000	20.3	68.3	68.8	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 6000	20.3	68.7	69.2	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 5000	20.6	71.2	71.7	72.4	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 4500	20.9	73.5	74.2	74.8	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 4000	20.9	75.5	76.5	77.4	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 3500	21.0	76.8	77.6	78.6	79.0	79.0	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 3000	21.0	77.5	78.7	79.8	80.2	80.3	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 2500	21.1	79.4	81.1	82.3	83.0	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 2000	21.4	81.3	83.2	84.5	85.3	85.4	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 1800	21.4	81.9	83.9	85.2	85.9	86.0	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 1500	21.4	82.5	84.5	85.8	86.7	86.8	87.0	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4
IV 1200	21.4	82.8	85.2	86.9	87.7	87.8	88.1	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5
IV 1000	21.4	83.7	86.0	88.0	88.9	89.0	89.4	89.6	89.6	89.6	89.7	89.8	89.8	89.8	89.8	89.8
IV 900	21.4	83.8	86.2	88.7	89.9	90.1	90.4	90.6	90.6	90.6	90.8	90.9	90.9	90.9	90.9	90.9
IV 800	21.4	83.9	86.7	89.6	91.2	91.5	91.9	92.2	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4
IV 700	21.4	83.9	86.9	89.9	92.2	92.6	93.1	93.3	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5
IV 600	21.4	83.9	86.9	90.2	92.8	93.4	94.1	94.4	94.4	94.4	94.5	94.6	94.6	94.6	94.6	94.6
IV 500	21.4	83.9	86.9	90.9	93.9	95.1	95.9	96.5	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7
IV 400	21.4	83.9	87.0	91.0	94.3	95.5	96.9	97.6	97.6	97.7	98.0	98.1	98.3	98.3	98.3	98.3
IV 300	21.4	83.9	87.0	91.0	94.4	95.8	97.4	98.4	98.4	98.6	99.0	99.2	99.4	99.5	99.5	99.5
IV 200	21.4	83.9	87.0	91.0	94.4	95.8	97.4	98.4	98.5	98.7	99.5	99.6	99.9	100.0	100.0	100.0
IV 100	21.4	83.9	87.0	91.0	94.4	95.8	97.4	98.4	98.5	98.7	99.5	99.6	99.9	100.0	100.0	100.0
IV 0	21.4	83.9	87.0	91.0	94.4	95.8	97.4	98.4	98.5	98.7	99.5	99.6	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

STATION NAME

73-82

YEARS

DEC

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

MOON

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	15.8	53.9	54.3	54.8	54.9	54.9	54.9	54.9	54.9	55.1	55.1	55.1	55.1	55.2	55.2	55.2
≥ 20000	16.9	58.2	58.7	59.2	59.4	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.7	59.7	59.7
IV 18000	16.9	58.4	58.9	59.5	59.6	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.9	59.9	59.9
IV 16000	16.9	58.6	59.1	59.7	59.8	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.1	60.1	60.1
IV 14000	17.4	59.7	60.2	60.8	60.9	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.2	61.2	61.2
IV 12000	18.2	61.8	62.4	62.9	63.0	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.3	63.3	63.3
IV 10000	18.6	65.3	65.8	66.5	66.6	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.9	66.9	66.9
IV 9000	18.6	66.0	66.6	67.2	67.3	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.6	67.6	67.6
IV 8000	18.6	68.0	68.6	69.2	69.4	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.9	69.9	69.9
IV 7000	18.6	69.2	69.9	70.5	70.6	70.9	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.2	71.2	71.2
IV 6000	18.7	70.0	70.6	71.3	71.5	71.7	71.8	71.8	71.8	71.9	71.9	71.9	71.9	72.0	72.0	72.0
IV 5000	18.9	73.3	74.1	74.7	75.1	75.3	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.8	75.8	75.8
IV 4500	19.0	75.7	76.5	77.1	77.4	77.6	77.8	78.0	78.0	78.1	78.1	78.1	78.1	78.2	78.2	78.2
IV 4000	19.1	77.2	78.0	78.9	79.2	79.4	79.6	79.9	79.9	80.0	80.0	80.0	80.0	80.1	80.1	80.1
IV 3500	19.1	78.1	78.9	79.9	80.3	80.6	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.2	81.2	81.2
IV 3000	19.1	79.5	80.3	81.3	81.7	82.0	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.7	82.7	82.7
IV 2500	19.1	80.2	81.2	82.3	82.7	83.0	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.7	83.7	83.7
IV 2000	19.1	80.9	82.0	83.2	83.7	84.1	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.8	84.8	84.8
IV 1800	19.1	81.1	82.4	83.7	84.1	84.5	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.3
IV 1500	19.1	81.7	83.3	84.6	85.1	85.5	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.2	86.2	86.2
IV 1200	19.1	82.6	84.4	85.7	86.1	86.6	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.3	87.3	87.3
IV 1000	19.1	83.1	85.4	86.9	87.6	88.1	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.9	88.9	88.9
IV 900	19.1	83.2	85.6	87.3	88.2	88.6	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.5	89.5	89.5
IV 800	19.1	83.7	86.1	88.7	90.1	90.6	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.6
IV 700	19.1	83.9	86.3	89.0	90.5	91.3	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.4	92.4	92.4
IV 600	19.1	84.1	86.8	89.7	91.2	92.3	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.5	93.5	93.5
IV 500	19.1	84.2	87.1	90.2	91.7	93.1	94.4	94.9	94.9	95.1	95.1	95.1	95.1	95.2	95.2	95.2
IV 400	19.1	84.1	87.1	90.5	92.6	94.4	95.9	96.9	97.2	97.5	97.5	97.5	97.5	97.6	97.6	97.6
IV 300	19.1	84.3	87.1	90.5	92.7	94.7	96.7	97.7	98.1	98.6	98.7	98.7	98.7	98.8	98.8	98.8
IV 200	19.1	84.1	87.1	90.5	92.7	94.7	96.9	98.0	98.3	99.1	99.4	99.5	99.5	99.6	99.6	99.6
IV 100	19.1	84.1	87.1	90.5	92.7	94.7	96.9	98.0	98.3	99.1	99.6	99.7	99.7	99.9	99.9	100.0
IV 0	19.1	84.1	87.1	90.5	92.7	94.7	96.9	98.0	98.3	99.1	99.6	99.7	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030
STATION

POPE AFB NC

STATION NAME

73-82

YEARS

DEC

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0
NO CEILING	14.9	56.1	56.6	57.2	57.5	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.8	58.0
≥ 20000	15.8	59.7	60.1	60.9	61.2	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.6
IV 18000	15.9	60.1	60.5	61.3	61.6	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.9	62.0
IV 16000	15.9	60.1	60.5	61.3	61.6	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.9	62.0
IV 14000	16.0	60.8	61.2	61.9	62.3	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.7
IV 12000	16.3	61.8	62.3	63.0	63.3	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.7	63.8
IV 10000	17.1	64.8	65.3	66.0	66.3	66.3	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.9
IV 9000	17.1	65.2	65.6	66.3	66.7	66.7	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.2
IV 8000	17.5	67.8	68.3	69.1	69.5	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.1
IV 7000	17.5	68.9	69.4	70.2	70.5	70.6	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.2
IV 6000	17.5	69.5	69.9	70.8	71.1	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.7
IV 5000	17.5	72.0	72.9	73.8	74.1	74.2	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.9	75.1
IV 4500	17.9	73.0	74.0	74.8	75.2	75.3	75.7	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.1
IV 4000	17.6	74.9	75.9	76.8	77.2	77.3	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.2
IV 3500	17.6	75.6	76.6	77.4	78.1	78.2	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.9	79.0
IV 3000	18.0	77.4	78.4	79.4	80.2	80.3	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.2
IV 2500	18.1	77.8	78.9	79.9	80.9	81.1	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.9
IV 2000	18.1	79.1	80.2	81.2	82.2	82.4	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.3
IV 1800	18.1	79.2	80.4	81.4	82.5	82.8	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.9
IV 1500	18.2	80.3	81.5	82.7	83.8	84.1	84.6	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.3
IV 1200	18.2	81.0	82.2	83.3	84.4	84.7	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.8	85.9
IV 1000	18.3	81.6	83.0	84.6	85.7	86.0	86.6	86.9	86.9	86.9	86.9	86.9	86.9	87.1	87.2
IV 900	18.3	82.2	84.1	86.2	87.5	87.8	88.5	88.8	88.8	88.8	88.8	88.8	88.8	89.0	89.1
IV 800	18.3	82.8	84.9	87.3	89.5	89.8	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.3	90.4
IV 700	18.3	83.3	85.7	87.8	89.4	89.7	90.5	91.0	91.1	91.1	91.1	91.1	91.1	91.2	91.3
IV 600	18.3	83.7	86.1	88.7	90.4	90.9	91.7	92.4	92.4	92.4	92.4	92.4	92.4	92.6	92.7
IV 500	18.3	83.9	86.3	88.9	91.3	92.4	93.4	94.1	94.1	94.1	94.1	94.1	94.1	94.3	94.4
IV 400	18.3	84.1	86.8	89.7	92.7	94.3	96.0	96.8	97.0	97.1	97.2	97.3	97.4	97.5	97.5
IV 300	18.3	84.1	86.8	89.8	92.8	94.9	96.6	97.4	97.6	97.7	98.1	98.2	98.3	98.4	98.4
IV 200	18.3	84.1	86.8	89.8	92.8	94.9	96.6	97.4	97.6	97.7	98.1	98.2	98.3	98.4	98.4
IV 100	18.3	84.1	86.8	89.8	92.8	94.9	96.6	97.4	97.6	97.7	98.1	98.2	98.3	98.4	98.4
IV 0	18.3	84.1	86.8	89.8	92.8	94.9	96.6	97.4	97.6	97.7	98.1	98.2	98.3	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

73-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LTMT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	16.9	56.0	57.1	57.7	58.2	58.3	58.8	58.9	58.9	58.9	59.1	59.2	59.4	59.4	59.5	59.6
≥ 20000	17.2	58.0	59.0	59.7	60.7	60.2	60.8	60.9	60.9	60.9	61.1	61.2	61.3	61.3	61.4	61.5
≥ 18000	17.2	58.1	59.1	59.8	60.2	60.3	60.9	61.0	61.0	61.0	61.2	61.3	61.4	61.4	61.5	61.6
≥ 16000	17.2	58.1	59.1	59.8	60.2	60.3	60.9	61.0	61.0	61.0	61.2	61.3	61.4	61.4	61.5	61.6
≥ 14000	17.4	58.3	59.4	60.0	60.4	60.8	61.1	61.2	61.2	61.2	61.4	61.5	61.6	61.6	61.7	61.8
≥ 12000	17.6	59.5	60.5	61.2	61.6	62.1	62.3	62.4	62.4	62.4	62.6	62.7	62.8	62.8	62.9	63.0
≥ 10000	17.8	61.3	62.4	63.0	63.4	63.5	64.1	64.2	64.2	64.2	64.5	64.6	64.7	64.7	64.8	64.9
≥ 9000	18.0	61.7	62.8	63.4	63.9	64.0	64.5	64.6	64.6	64.6	64.9	65.1	65.2	65.2	65.3	65.4
≥ 8000	18.6	64.5	65.8	66.7	67.3	67.4	68.0	68.1	68.1	68.1	68.4	68.5	68.6	68.6	68.7	68.8
≥ 7000	18.7	64.9	66.2	67.1	67.7	67.8	68.4	68.5	68.5	68.5	68.8	68.9	69.0	69.0	69.1	69.2
≥ 6000	18.7	65.8	67.1	68.0	68.6	68.7	69.2	69.4	69.4	69.4	69.7	69.8	69.9	69.9	70.0	70.1
≥ 5000	18.9	68.0	69.2	70.1	70.8	70.9	71.5	71.7	71.7	71.7	72.0	72.2	72.3	72.3	72.4	72.5
≥ 4500	18.9	69.6	70.9	71.8	72.6	72.6	73.2	73.4	73.4	73.4	73.9	74.0	74.1	74.1	74.2	74.3
≥ 4000	18.9	71.1	72.7	73.7	74.4	74.5	75.1	75.3	75.5	75.5	75.9	76.0	76.1	76.1	76.2	76.3
≥ 3500	19.1	71.7	73.4	74.4	75.2	75.3	76.1	76.3	76.3	76.3	76.8	76.9	77.0	77.0	77.1	77.2
≥ 3000	19.5	73.5	75.3	76.2	77.4	77.5	78.4	78.6	78.6	78.7	79.1	79.2	79.4	79.4	79.5	79.6
≥ 2500	19.5	73.9	75.8	76.9	78.3	78.4	79.4	79.8	79.8	79.9	80.3	80.4	80.5	80.5	80.6	80.8
≥ 2000	19.5	74.8	76.8	77.8	79.2	79.4	80.3	80.8	80.8	80.9	81.3	81.4	81.5	81.5	81.6	81.7
≥ 1800	19.5	75.4	77.3	78.5	79.9	80.0	81.0	81.4	81.4	81.5	81.9	82.0	82.2	82.2	82.3	82.4
≥ 1500	19.5	76.7	78.7	80.0	81.5	81.6	82.7	83.1	83.1	83.2	83.7	83.8	83.9	83.9	84.0	84.1
≥ 1200	19.5	77.1	79.1	80.4	82.0	82.2	83.2	83.7	83.7	83.8	84.2	84.3	84.4	84.4	84.5	84.6
≥ 1000	19.5	77.3	79.5	80.8	82.7	82.9	84.1	84.5	84.5	84.6	85.2	85.3	85.4	85.4	85.5	85.6
≥ 900	19.5	78.0	80.2	81.6	83.7	84.0	85.2	85.6	85.6	85.7	86.2	86.3	86.5	86.5	86.6	86.7
≥ 800	19.5	78.3	80.4	81.9	84.3	84.6	85.8	86.1	86.1	86.2	86.7	86.8	86.9	86.9	87.0	87.1
≥ 700	19.5	78.9	81.0	83.0	85.7	86.2	87.4	87.8	88.0	88.1	88.7	88.8	88.9	88.9	89.0	89.1
≥ 600	19.5	79.3	81.4	83.4	87.1	87.4	88.9	89.2	89.2	89.3	90.0	90.4	90.5	90.5	90.6	90.7
≥ 500	19.5	79.2	82.3	84.3	87.7	88.7	90.3	91.1	91.5	91.5	92.5	92.6	92.7	92.7	92.8	92.9
≥ 400	19.5	79.3	82.5	84.5	88.6	89.4	91.4	92.1	92.8	92.8	93.1	93.2	93.3	93.3	93.4	93.5
≥ 300	19.5	79.2	82.5	84.5	88.7	89.8	91.8	92.6	93.4	93.4	94.6	94.7	94.8	94.8	94.9	95.0
≥ 200	19.5	79.3	82.5	84.5	88.7	89.8	91.8	92.6	93.4	93.4	94.6	94.7	94.8	94.8	94.9	95.0
≥ 100	19.5	79.2	82.5	84.5	88.7	89.8	91.8	92.6	93.4	93.4	94.6	94.7	94.8	94.8	94.9	95.0
≥ 0	19.5	79.2	82.5	84.5	88.7	89.8	91.8	92.6	93.4	93.4	94.6	94.7	94.8	94.8	94.9	95.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030 POPE AFB NC

73-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥3/16	≥¼
NO CEILING	15.9	53.0	54.2	54.6	55.1	55.4	55.6	55.8	55.8	55.9	56.2	56.5	56.6	56.7	56.8
≥ 20000	15.9	55.3	56.8	57.2	57.6	58.0	58.2	58.5	58.8	58.6	58.9	59.1	59.2	59.4	59.5
IV 18000	15.9	55.3	56.8	57.2	57.6	58.0	58.2	58.5	58.5	58.6	58.9	59.1	59.2	59.4	59.5
IV 16000	15.9	55.3	56.8	57.2	57.6	58.0	58.2	58.5	58.5	58.6	58.9	59.1	59.2	59.4	59.5
IV 14000	16.1	55.8	57.3	57.7	58.2	58.5	58.7	59.0	59.0	59.1	59.5	59.7	59.8	59.9	60.0
IV 12000	16.3	56.7	58.2	58.6	59.0	59.4	59.6	59.9	59.9	60.0	60.3	60.5	60.6	60.8	60.9
IV 10000	16.8	58.3	59.8	60.2	60.6	61.0	61.2	61.5	61.5	61.6	61.9	62.2	62.3	62.4	62.5
IV 9000	16.8	58.5	60.0	60.4	60.9	61.2	61.4	61.7	61.7	61.8	62.2	62.4	62.5	62.6	62.7
IV 8000	16.9	61.2	62.7	63.1	63.5	63.9	64.3	64.6	64.6	64.7	65.1	65.3	65.4	65.5	65.6
IV 7000	17.2	62.4	64.0	64.4	64.8	65.2	65.6	65.9	65.9	66.0	66.3	66.6	66.7	66.8	66.9
IV 6000	17.3	63.0	64.6	65.1	65.5	65.9	66.3	66.7	66.7	66.8	67.1	67.3	67.4	67.5	67.6
IV 5000	17.4	65.7	67.3	67.7	68.1	68.5	68.9	69.2	69.6	69.6	69.7	70.0	70.2	70.3	70.4
IV 4100	17.4	66.5	68.2	68.6	69.0	69.4	69.8	70.2	70.6	71.0	71.1	71.4	71.6	71.7	71.9
IV 4000	17.4	67.4	69.1	69.5	69.9	70.3	70.7	71.1	71.5	71.9	72.0	72.3	72.5	72.6	72.7
IV 3500	17.4	68.0	70.0	70.6	71.0	71.4	71.8	72.2	72.6	73.0	73.1	73.4	73.6	73.7	73.8
IV 3000	17.7	69.7	71.9	72.7	73.1	73.5	73.9	74.3	74.7	75.1	75.2	75.5	75.7	75.8	75.9
IV 2500	18.3	70.1	72.7	73.7	74.1	74.5	74.9	75.3	75.7	76.1	76.2	76.5	76.7	76.8	76.9
IV 2000	18.3	71.3	74.1	75.1	75.5	75.9	76.3	76.7	77.1	77.5	77.6	77.9	78.1	78.2	78.3
IV 1800	18.4	71.4	74.4	75.4	75.8	76.2	76.6	77.0	77.4	77.8	77.9	78.2	78.4	78.5	78.6
IV 1500	18.5	72.7	75.5	76.5	76.9	77.3	77.7	78.1	78.5	78.9	79.0	79.3	79.5	79.6	79.7
IV 1200	18.5	73.7	76.5	77.5	77.9	78.3	78.7	79.1	79.5	79.9	80.0	80.3	80.5	80.6	80.7
IV 1000	18.5	74.3	77.3	78.3	78.7	79.1	79.5	79.9	80.3	80.7	80.8	81.1	81.3	81.4	81.5
IV 900	18.5	74.4	77.4	78.4	78.8	79.2	79.6	80.0	80.4	80.8	80.9	81.2	81.4	81.5	81.6
IV 800	18.5	74.4	77.4	78.4	78.8	79.2	79.6	80.0	80.4	80.8	80.9	81.2	81.4	81.5	81.6
IV 700	18.5	74.4	77.4	78.4	78.8	79.2	79.6	80.0	80.4	80.8	80.9	81.2	81.4	81.5	81.6
IV 600	18.5	74.4	77.4	78.4	78.8	79.2	79.6	80.0	80.4	80.8	80.9	81.2	81.4	81.5	81.6
IV 500	18.5	74.4	77.4	78.4	78.8	79.2	79.6	80.0	80.4	80.8	80.9	81.2	81.4	81.5	81.6
IV 400	18.5	74.4	77.4	78.4	78.8	79.2	79.6	80.0	80.4	80.8	80.9	81.2	81.4	81.5	81.6
IV 300	18.5	74.4	77.4	78.4	78.8	79.2	79.6	80.0	80.4	80.8	80.9	81.2	81.4	81.5	81.6
IV 200	18.5	74.4	77.4	78.4	78.8	79.2	79.6	80.0	80.4	80.8	80.9	81.2	81.4	81.5	81.6
IV 100	18.5	74.4	77.4	78.4	78.8	79.2	79.6	80.0	80.4	80.8	80.9	81.2	81.4	81.5	81.6
IV 0	18.5	74.4	77.4	78.4	78.8	79.2	79.6	80.0	80.4	80.8	80.9	81.2	81.4	81.5	81.6

TOTAL NUMBER OF OBSERVATIONS 920

USAF ETAC FORM 6-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

723030

POPE AFB NC

73-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET.	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	15.3	52.5	53.2	53.7	53.9	54.0	54.1	54.2	54.2	54.2	54.3	54.4	54.4	54.5	54.5	54.5
≥ 20000	16.5	56.5	57.9	57.9	58.3	58.2	58.3	58.5	58.5	58.5	58.6	58.7	58.7	58.8	58.8	58.8
≥ 18000	16.5	56.7	57.6	58.1	58.4	58.4	58.5	58.7	58.7	58.7	58.8	58.9	58.9	59.0	59.0	59.0
≥ 16000	16.5	56.8	57.6	58.2	58.4	58.5	58.6	58.7	58.7	58.7	58.8	58.9	58.9	59.0	59.0	59.1
≥ 14000	16.7	57.4	58.3	58.9	59.1	59.2	59.3	59.4	59.4	59.5	59.6	59.6	59.7	59.7	59.7	59.8
≥ 12000	17.1	58.8	59.6	60.2	60.5	60.5	60.6	60.8	60.8	60.8	60.9	61.0	61.0	61.1	61.1	61.1
≥ 10000	17.4	60.9	61.9	62.5	62.7	62.8	62.9	63.0	63.1	63.1	63.2	63.3	63.3	63.4	63.4	63.4
≥ 9000	17.4	61.2	62.4	63.0	63.2	63.3	63.4	63.5	63.6	63.6	63.7	63.8	63.8	63.9	63.9	63.9
≥ 8000	17.7	63.8	64.8	65.5	65.9	66.0	66.1	66.3	66.3	66.3	66.4	66.5	66.5	66.6	66.6	66.6
≥ 7000	17.8	64.4	66.0	66.7	67.0	67.2	67.3	67.4	67.4	67.5	67.6	67.6	67.7	67.8	67.8	67.8
≥ 6000	17.8	65.6	66.7	67.4	67.8	68.0	68.1	68.3	68.3	68.3	68.4	68.5	68.5	68.6	68.6	68.6
≥ 5000	18.1	68.3	69.5	70.3	70.7	70.9	71.1	71.3	71.3	71.4	71.5	71.5	71.6	71.6	71.7	71.7
≥ 4500	18.2	69.8	71.2	72.0	72.5	72.7	72.9	73.1	73.1	73.2	73.3	73.3	73.4	73.4	73.5	73.5
≥ 4000	18.3	71.4	72.9	73.8	74.4	74.7	74.9	75.1	75.1	75.2	75.3	75.4	75.4	75.5	75.5	75.6
≥ 3500	18.3	72.3	73.9	74.9	75.6	75.8	76.1	76.4	76.4	76.4	76.6	76.6	76.7	76.7	76.7	76.8
≥ 3000	18.5	73.7	75.5	76.6	77.4	77.7	78.0	78.2	78.2	78.3	78.4	78.5	78.5	78.6	78.6	78.7
≥ 2500	18.7	74.8	76.5	77.8	78.7	79.0	79.4	79.7	79.7	79.7	79.9	79.9	80.0	80.0	80.1	80.1
≥ 2000	18.7	75.7	77.9	79.3	80.3	80.6	81.0	81.3	81.3	81.4	81.5	81.6	81.6	81.7	81.7	81.8
≥ 1800	18.7	76.3	78.5	79.9	80.9	81.3	81.8	82.1	82.1	82.2	82.3	82.4	82.4	82.5	82.5	82.6
≥ 1500	18.8	77.3	79.6	81.1	82.3	82.7	83.2	83.5	83.5	83.7	83.8	83.9	83.9	84.0	84.0	84.1
≥ 1200	18.8	78.0	80.5	82.1	83.3	83.7	84.3	84.6	84.6	84.7	84.9	84.9	85.0	85.1	85.1	85.1
≥ 1000	18.8	78.7	81.4	83.3	84.7	85.1	85.8	86.2	86.2	86.3	86.5	86.6	86.7	86.7	86.8	86.8
≥ 900	18.8	79.1	81.9	84.1	85.6	86.2	87.0	87.3	87.3	87.5	87.6	87.7	87.8	87.8	87.9	87.9
≥ 800	18.8	79.4	82.6	85.1	86.9	87.6	88.4	88.8	88.9	89.0	89.2	89.2	89.3	89.4	89.4	89.5
≥ 700	18.8	79.7	83.0	85.8	88.0	88.8	89.8	90.2	90.2	90.4	90.6	90.6	90.7	90.8	90.8	90.9
≥ 600	18.8	79.9	83.4	86.5	89.0	90.0	91.1	91.6	91.7	91.9	92.1	92.1	92.2	92.3	92.3	92.4
≥ 500	18.8	80.0	83.7	87.1	89.9	91.4	92.7	93.5	93.6	93.8	94.0	94.1	94.2	94.2	94.3	94.3
≥ 400	18.8	80.1	83.9	87.4	90.7	92.5	94.2	95.3	95.8	96.1	96.4	96.6	96.6	96.7	96.7	96.8
≥ 300	18.8	80.1	83.9	87.4	90.7	92.7	94.6	96.1	96.5	96.9	97.4	97.6	97.8	97.9	98.0	98.1
≥ 200	18.8	80.1	83.9	87.4	90.7	92.7	94.7	96.4	96.9	97.5	98.1	98.3	98.5	98.6	98.7	98.8
≥ 100	18.8	80.1	83.9	87.4	90.7	92.7	94.8	96.5	97.0	97.6	98.3	98.7	99.0	99.3	99.4	99.8
≥ 0	18.8	80.1	83.9	87.4	90.7	92.7	94.8	96.5	97.0	97.6	98.3	98.7	99.0	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

723030 POPE AFB NC

73-03

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5-16	¾	≥0
NO CEILING	10.5	49.2	52.9	55.2	56.2	56.5	56.7	56.8	56.9	56.9	56.9	57.0	57.0	57.0	57.1	57.1
≥ 20000	11.2	54.9	59.2	61.9	63.0	63.4	63.6	63.8	63.8	63.9	63.9	64.0	64.0	64.0	64.1	64.1
≥ 18000	11.2	55.3	59.6	62.2	63.4	63.7	64.0	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.5
≥ 16000	11.2	55.3	59.6	62.3	63.5	63.8	64.1	64.3	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.6
≥ 14000	11.3	56.1	60.5	63.2	64.4	64.7	65.0	65.2	65.2	65.3	65.3	65.3	65.4	65.4	65.4	65.5
≥ 12000	11.5	57.6	62.1	64.9	66.2	66.5	66.8	67.0	67.0	67.1	67.1	67.1	67.2	67.2	67.3	67.3
≥ 10000	11.8	60.6	65.4	68.4	69.7	70.1	70.4	70.6	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.9
≥ 9000	11.8	60.9	65.8	68.8	70.1	70.5	70.8	71.0	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.3
≥ 8000	12.0	63.5	68.7	71.9	73.3	73.7	74.0	74.2	74.2	74.3	74.4	74.4	74.5	74.5	74.5	74.5
≥ 7000	12.1	64.5	69.7	73.8	74.9	74.8	75.1	75.3	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.7
≥ 6000	12.1	65.2	70.4	73.8	75.2	75.6	76.0	76.2	76.2	76.3	76.3	76.3	76.4	76.4	76.5	76.5
≥ 5000	12.2	66.8	72.2	75.7	77.2	77.7	78.1	78.3	78.3	78.4	78.5	78.5	78.5	78.5	78.6	78.6
≥ 4500	12.3	67.7	73.2	76.8	78.4	78.8	79.2	79.5	79.5	79.6	79.6	79.6	79.7	79.7	79.8	79.8
≥ 4000	12.4	69.2	75.0	78.7	80.4	80.9	81.3	81.5	81.6	81.7	81.7	81.7	81.8	81.8	81.9	81.9
≥ 3500	12.5	70.2	76.1	79.9	81.6	82.2	82.5	82.8	82.8	82.9	83.0	83.0	83.1	83.1	83.1	83.2
≥ 3000	12.6	71.8	78.0	82.0	83.9	84.5	84.9	85.2	85.2	85.3	85.4	85.4	85.5	85.5	85.5	85.5
≥ 2500	12.6	72.6	78.9	83.1	85.0	85.6	86.2	86.4	86.4	86.5	86.6	86.6	86.7	86.7	86.7	86.8
≥ 2000	12.7	73.4	79.9	84.1	86.2	86.8	87.3	87.6	87.7	87.8	87.8	87.8	87.9	87.9	88.0	88.0
≥ 1800	12.7	73.8	80.3	84.6	86.7	87.3	87.8	88.2	88.2	88.3	88.4	88.4	88.5	88.5	88.5	88.5
≥ 1500	12.7	74.5	81.2	85.5	87.7	88.3	88.8	89.2	89.3	89.4	89.5	89.5	89.6	89.6	89.6	89.7
≥ 1200	12.7	75.1	81.9	86.4	88.6	89.4	89.9	90.3	90.3	90.4	90.5	90.5	90.6	90.6	90.7	90.7
≥ 1000	12.8	75.5	82.6	87.4	89.8	90.5	91.2	91.5	91.6	91.7	91.8	91.8	91.9	92.0	92.0	92.0
≥ 900	12.8	75.9	83.0	87.9	90.4	91.2	91.8	92.2	92.3	92.4	92.5	92.5	92.6	92.6	92.7	92.7
≥ 800	12.8	76.2	83.4	88.3	91.3	92.0	92.7	93.1	93.2	93.4	93.4	93.5	93.6	93.6	93.6	93.7
≥ 700	12.8	76.4	83.8	89.3	92.9	93.6	94.1	94.2	94.3	94.4	94.5	94.5	94.6	94.6	94.6	94.7
≥ 600	12.8	76.8	84.0	89.5	93.3	94.0	94.5	94.6	94.7	94.8	94.9	95.0	95.1	95.1	95.2	95.2
≥ 500	12.8	76.8	84.3	89.9	93.5	94.2	94.7	94.8	94.9	95.0	95.1	95.2	95.3	95.3	95.4	95.4
≥ 400	12.8	76.7	84.3	90.1	93.7	94.4	94.9	95.0	95.1	95.2	95.3	95.4	95.5	95.6	95.6	95.7
≥ 300	12.8	76.7	84.4	90.3	93.7	94.4	94.9	95.0	95.1	95.2	95.3	95.4	95.5	95.6	95.7	95.7
≥ 200	12.8	76.7	84.4	90.3	93.8	94.5	95.0	95.1	95.2	95.3	95.4	95.5	95.6	95.7	95.7	95.8
≥ 100	12.8	76.7	84.4	90.3	93.8	94.5	95.0	95.1	95.2	95.3	95.4	95.5	95.6	95.7	95.7	95.8
≥ 0	12.8	76.7	84.4	90.3	93.8	94.5	95.0	95.1	95.2	95.3	95.4	95.5	95.6	95.7	95.7	95.8

TOTAL NUMBER OF OBSERVATIONS 87613

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED,
BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE
TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

10

SKY COVER

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	25.4			20.0						12.9	41.7	5.9	919
	03-05	20.5			19.9						15.9	43.7	6.4	929
	06-08	15.9			24.6						18.7	40.8	6.5	930
	09-11	13.3			25.9						21.5	39.2	6.6	929
	12-14	19.0			27.0						15.2	38.8	6.1	927
	15-17	32.8			17.1						11.5	38.6	5.4	922
	18-20	36.0			15.4						8.7	40.0	5.2	912
	21-23	35.7			14.7						9.8	39.8	5.3	906
TOTALS		24.8			20.6						14.3	40.3	5.9	7374

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

FEB

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	23.7			22.3						15.3	38.7	5.9	835
	03-05	19.1			24.8						18.7	37.4	6.2	843
	06-08	13.5			28.2						21.3	37.0	6.5	844
	09-11	13.5			27.1						22.6	36.8	6.5	840
	12-14	20.1			27.7						17.1	35.1	5.9	837
	15-17	31.5			21.7						12.2	34.6	5.2	835
	18-20	32.7			20.6						10.9	35.9	5.2	836
	21-23	32.9			17.0						11.3	38.8	5.4	833
TOTALS		23.4			23.7						16.2	36.8	5.9	6707

FORM 6-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

MAR

STATION

STATION NAME

PERIOD

MONTH:

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00-02	21.4			21.7						16.8	40.0	6.2	929
	03-05	18.4			25.6						17.2	38.8	6.2	927
	06-08	12.6			29.3						19.1	39.1	6.5	929
	09-11	10.3			30.6						22.2	36.9	6.6	929
	12-14	14.0			30.5						18.9	36.6	6.3	930
	15-17	29.7			22.5						10.7	37.1	5.3	928
	18-20	33.5			19.2						10.6	36.7	5.2	927
	21-23	33.8			15.1						13.1	38.0	5.4	922
TOTALS		21.7			24.3						16.1	37.9	6.0	7421

FORM 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS STANDARD SPECIFICATION:

SKY COVER

APR

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	23.2			27.1						17.0	32.7	5.6	900
	03-05	18.5			31.6						18.8	31.1	5.8	899
	06-08	14.8			30.1						25.8	29.3	6.2	899
	09-11	14.1			29.1						26.7	30.1	6.3	900
	12-14	16.8			30.8						22.2	28.2	5.7	900
	15-17	35.4			23.4						15.9	25.2	4.7	900
	18-20	36.9			20.0						17.4	25.7	4.7	899
	21-23	37.8			19.4						15.1	27.7	4.7	892
TOTALS		24.9			26.4						19.9	28.8	5.5	7189

FORM
EE-64FORM
55-64

0-9-3 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

MAY

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	14.5			22.8						24.4	38.3	6.7	918
	03-05	14.5			25.4						26.0	34.1	6.5	922
	06-08	5.6			28.6						33.2	32.6	7.1	927
	09-11	4.7			31.8						33.7	29.8	7.0	930
	12-14	9.2			30.5						24.8	35.8	6.7	927
	15-17	23.4			25.0						19.0	32.6	5.7	925
	18-20	27.6			24.2						17.7	30.5	5.4	923
	21-23	24.9			20.9						17.7	36.6	5.9	916
TOTALS		15.6			26.2						24.6	33.8	6.4	7386

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

JUN

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	12.8			25.7						25.8	35.8	6.7	892
	03-05	8.9			35.0						26.4	29.6	6.4	894
	06-08	1.8			38.4						31.1	28.7	6.8	896
	09-11	.7			40.2						33.2	25.9	6.8	900
	12-14	5.0			34.7						29.1	31.2	6.8	895
	15-17	20.0			29.1						24.4	26.4	5.7	889
	18-20	25.9			28.4						19.6	26.0	5.2	887
	21-23	21.6			25.5						19.5	33.4	5.9	880
TOTALS		12.1			32.1						26.1	29.6	6.3	7133

FORM 88-44

8-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

JUL

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	10.0			28.8						31.8	29.4	6.7	883
	03-05	9.4			35.5						24.5	30.7	6.3	907
	06-08	.6			36.9						33.3	29.1	7.0	930
	09-11	.4			39.0						36.3	24.3	6.9	929
	12-14	4.7			35.0						32.0	28.4	6.8	924
	15-17	16.5			33.0						23.4	27.1	5.8	907
	18-20	20.9			30.5						22.5	26.1	5.5	885
	21-23	16.6			30.0						24.0	29.4	6.0	878
TOTALS		9.9			33.6						28.5	28.1	6.4	7243

FORM 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

AUG
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
AUG	00-02	11.1			31.6						28.7	28.7	6.4	883
	03-05	11.9			35.7						28.8	23.6	6.0	904
	06-08	1.8			40.6						38.7	18.9	6.6	927
	09-11	1.2			40.2						37.4	21.1	6.7	927
	12-14	5.1			40.4						30.1	24.4	6.4	910
	15-17	18.8			37.7						21.3	24.2	5.3	896
	18-20	26.6			32.0						20.0	21.4	4.9	882
	21-23	20.7			33.0						19.5	26.8	5.4	855
TOTALS		12.2			36.4						28.1	23.4	6.0	7184

SKY COVER

SEP
MON

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00-02	10.7			28.4						23.6	37.3	6.7	867
	03-05	13.5			29.6						23.7	33.1	6.3	894
	06-08	4.9			35.3						29.9	29.9	6.7	900
	09-11	4.3			40.7						26.2	28.8	6.5	900
	12-14	9.4			39.4						24.5	26.8	6.1	897
	15-17	24.6			27.4						19.0	29.1	5.4	891
	18-20	29.0			22.7						20.2	28.1	5.3	884
	21-23	29.1			20.4						16.5	34.0	5.5	862
TOTALS		15.7			30.5						23.0	30.9	6.1	7095

SKY COVER

OCT

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
OCT	00-02	22.8			28.3						19.6	29.3	5.5	908
	03-05	25.3			27.3						20.1	27.3	5.4	924
	06-08	16.9			35.1						23.4	24.6	5.6	930
	09-11	16.7			37.4						21.6	24.3	5.5	929
	12-14	27.7			34.3						14.7	23.3	4.7	929
	15-17	40.3			23.1						12.4	24.2	4.2	927
	18-20	43.1			19.0						12.9	24.9	4.2	919
	21-23	43.5			19.0						10.7	26.8	4.2	909
TOTALS		29.5			27.9						16.9	25.6	4.9	7375

FORM
JUL 64

FORM 0-9-5 (OL A)
JUL 44

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

74-83

NOV

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00-02	26.2			24.6						17.7	31.5	5.5	891
	03-05	22.7			25.2						19.1	33.0	5.8	896
	06-08	19.2			29.9						19.6	31.3	5.8	897
	09-11	15.4			33.1						21.4	30.1	5.9	897
	12-14	26.7			26.3						17.1	29.9	5.3	895
	15-17	40.0			16.9						12.3	30.8	4.7	893
	18-20	39.0			19.9						12.6	28.5	4.6	888
	21-23	40.3			18.4						12.4	28.9	4.6	888
TOTALS		28.7			24.3						16.5	30.5	5.3	7145

FORM 8-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

DEC

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00-02	23.8			23.3						15.7	37.2	5.8	930
	03-05	17.5			26.0						19.5	37.1	6.2	928
	06-08	16.0			25.2						21.2	37.6	6.4	930
	09-11	14.1			30.9						18.0	37.1	6.3	930
	12-14	27.7			22.9						14.1	35.3	5.5	929
	15-17	35.2			17.7						11.3	35.7	5.1	926
	18-20	36.3			17.7						13.0	33.0	5.0	921
	21-23	37.8			14.7						12.2	35.2	5.1	923
TOTALS		26.1			22.3						15.6	36.0	5.7	7417

FORM
NR 44

0-9-5 (CL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

723030
STATION

POPE AFB NC
STATION NAME

73-83
PERIOD

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	24.8			20.6						14.3	40.3	5.9	7374
FEB		23.4			23.7						16.2	36.8	5.9	6707
MAR		21.7			24.3						16.1	37.9	6.0	7421
APR		24.9			26.4						19.9	28.8	5.5	7189
MAY		15.6			26.2						24.6	33.8	6.4	7386
JUN		12.1			32.1						26.1	29.6	6.3	7133
JUL		9.9			33.6						28.5	28.1	6.4	7243
AUG		12.2			36.4						28.1	23.4	6.0	7184
SEP		15.7			30.5						23.0	30.9	6.1	7895
OCT		29.5			27.9						16.9	25.6	4.9	7375
NOV		28.7			24.3						16.5	30.5	5.3	7145
DEC		26.1			22.3						15.6	36.0	5.7	7417
TOTALS		20.4			27.4						20.5	31.8	5.9	86669

USAFETAC

FORM
AR 64

8-9-8 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

* Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
723030 POPE AFB NC

DAILY TEMPERATURES

STATION

STATION NAME

37-83

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
105						.1	.1	.1					.0
100						2.0	2.8	.6	.3				.5
95				.1	2.0	12.5	18.8	11.1	2.9	.2			3.7
90			.1	3.0	13.0	36.3	51.4	48.8	17.9	1.6			14.1
85		.1	1.5	18.1	35.9	65.9	81.0	75.7	45.7	8.4	.4		27.6
80	.1	.7	6.7	30.3	60.4	87.4	95.7	92.1	70.0	24.4	4.1		39.5
75	2.2	3.9	16.9	48.6	80.7	95.9	98.7	97.8	86.0	49.8	14.7	2.0	50.0
70	7.9	12.1	31.8	67.2	91.9	98.9	99.7	99.6	95.4	69.7	33.1	9.6	60.0
65	17.4	23.9	48.0	83.6	96.9	99.7	100.0	100.0	98.6	86.6	51.1	20.6	69.1
60	29.1	38.6	63.8	93.6	98.7	99.9			99.7	95.1	66.2	33.1	76.7
55	41.9	54.2	78.8	97.5	99.8	100.0			100.0	93.4	80.8	49.2	83.5
50	57.5	69.4	89.2	99.4	100.0					99.9	91.3	67.4	89.6
45	73.1	82.8	95.6	99.9						100.0	97.5	81.5	94.3
40	85.9	92.0	98.4	100.0							99.4	92.4	97.4
35	94.6	97.4	99.7								99.9	98.0	99.1
30	98.7	99.5	99.9								100.0	99.8	99.8
25	99.7	99.8	99.9									100.0	100.0
20	100.0	100.0	100.0										100.0
15													
10													
5													
0													
MEAN	52.3	55.6	63.5	73.0	80.9	86.9	89.1	88.0	82.8	73.7	63.8	54.7	72.1
S. D.	11.523	11.188	10.929	9.313	7.817	6.662	5.512	5.680	7.286	8.182	9.982	10.472	15.865
TOTAL OBS.	1926	1299	1426	1380	1926	1380	1450	1622	1470	1457	1470	1426	16972

USAFETAC FORM 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
723030 POPE AFB NC

DAILY TEMPERATURES

STATION POPE AFB NC

37-83

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
90						.6	.8	.1					.1
85					.3	7.4	10.8	8.6	1.2				2.4
80				.8	6.2	38.0	55.8	48.2	16.0	.5			13.5
75			.6	6.7	27.6	66.6	87.2	80.6	88.6	5.1	.2		26.8
70	.1	.4	3.7	22.0	53.9	88.9	98.4	95.6	69.1	17.0	2.9	.1	37.9
65	1.8	2.7	11.3	39.7	76.9	97.8	99.9	99.7	86.9	37.8	9.4	2.5	47.5
60	5.8	7.6	23.7	57.8	90.4	99.7	100.0	100.0	97.2	62.0	21.1	7.0	56.3
55	12.1	17.0	38.2	77.3	98.0	100.0			99.6	81.9	38.7	18.7	65.1
50	22.4	29.8	59.0	92.3	99.8			100.0	100.0	98.3	58.3	26.3	73.8
45	37.7	48.7	77.8	98.2	100.0					98.8	77.4	43.8	82.1
40	58.1	68.8	91.0	99.8						100.0	92.5	66.2	89.8
35	77.3	84.7	97.5	100.0							98.1	85.1	95.3
30	89.5	94.9	99.4								99.6	98.6	98.2
25	96.6	99.2	99.9								100.0	99.2	99.6
20	99.4	99.8	100.0									99.9	99.9
15	100.0	100.0										100.0	100.0
10													
5													
0													
-5													
-10													
-15													
-20													
-25													
-30													
-35													
-40													
-45													
-50													
-55													
-60													
-65													
-70													
-75													
-80													
-85													
-90													
MEAN	42.8	44.8	52.3	61.7	69.6	76.4	79.6	78.6	72.7	61.9	51.9	48.0	61.3
S. D.	10.259	9.744	9.651	8.579	7.032	5.697	4.372	4.699	4.630	7.787	9.072	9.887	15.478
TOTAL OBS.	1924	1299	998	1388	1924	1924	1924	1924	1924	1924	1924	1924	1924

USAFETAC FORM 10-61 0-21-5 (K) 1. Available formats of this form are complete

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

723030 POPE AFB NC STATION NAME

37-83 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
37							* 100*	92	92	91	76	71	
38	72	78	84	89	95	91*	94		94	85	81	71	
39	73	78	86	86	93	97	93	94	101	93	77	71	101
40	65	68	77	87	95	97	102	95	93	88	79	74	102
41	71	60	72	90	99	98	99	99	97	94	78	76	99
42	70	65	79	90	90	98	101	100	95	82	81	75	101
43	76	77	79	91	93	103	98	99	94	86	80	77	103
44	75	77	87	86	95	102	96	96	98	92	76	66	102
45	63	77	90	90	94	99	97	93	95	84	84	65	99
46	76	72	80	95	89	99	97	95	92	86	86	76	99
47	78	73	71	87	95	99	97	94	96	86	74	69	99
48	72	80	88	91	92	100	97	100	93	79	84	76	100
49	77	78	86	86	92	99	101	96	92	87	79	74	101
50	79	77	86	90	96	100	95	97	94	88	86	70	100
51	72	80	76	92	91	102	100	98	94	94	81	75	102
52	78	70	82	90	94	105	105	95	93	89	82	71	105
53	75	72	79	87	99	96	101	100	95	87	81	73	101
54	72	75	83	90	90	106	100	102	102	97	74	74	106
55	73	78	84	92	93	94	98	96	90	86	82	77	98
56	67	76	82	86	95	98	98	98	96	88	82	77	98
57	74	80	76	93	91	97	98	99	95	79	79	70	99
58	65	75	68	93	90	99	98	98	97	88	80	69	99
59	76	73	83	88	94	101	97	97	94	89	81	72	101
60	74	72	82	93	95	99	96	97	93	88	77	72	99
61	63	77	83	90	88	94	95	94	94	89	87	74	95
62	76	83	78	89	95	91	101	94	93	90	71	71	101
63	73	66	82	90	93	98	95	95	89	85	73	64	98
64	70	63	81	85	93	97	88	93	89	82	80	74	97
65	73	76	73	89	92	95	94	94	91	82	75	71	95
66	73	70	82	85	88	94	100	93	93	85	77	72	100
MEAN													
S. D.													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 04-64 (OLA)

0 (AT LEAST ONE DAY LESS THAN 24 OBS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

723030 POPE AFB NC

37-83

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
37							* 58*	54	43	27	15	15	
38	13	24	25	29	44	44*	55	43	33	18	18		
39	13	16	24	25	34	63	60	59	45	28	21	16	13
40	5	18	16	27	37	50	54	52	43	26	15	12	5
41	15	14	16	34	31	52	64	49	46	33	21	20	14
42	5	13	25	30	45	56	67	53	41	34	23	14	5
43	17	12	16	26	39	66	61	55	42	31	25	10	10
44	12	23	24	30	45	55	58	55	50	29	26	16	12
45	18	14	35	36	43	51	60	55	59	33	24	13	13
46	17	21	27	32	44	45	55	52	48	34	28	18	17
47	20	11	20	34	36	49	55	61	44	33	25	21	11
48	14	17	25	37	45	56	60	55	50	31	31	12	12
49	24	21	24	33	48	54	65	63	42	40	24	22	21
50	22	19	22	25	42	50	63	59	38	39	15	15	15
51	17	14	28	35	45	54	55	59	44	39	17	12	12
52	14	24	28	32	45	60	60	51	49	25	23	17	14
53	23	25	29	31	47	51	58	58	48	37	21	11	11
54	15	17	20	37	37	53	62	59	50	35	24	16	15
55	17	12	22	36	49	51	66	60	55	35	23	17	12
56	21	23	24	32	38	52	61	63	46	42	22	25	21
57	14	25	30	33	41	60	62	57	48	30	23	13	13
58	13	10	30	34	45	58	60	61	46	35	25	9	9
59	12	17	25	35	49	52	64	66	44	39	23	22	12
60	17	23	16	31	46	52	60	64	52	33	24	14	14
61	13	20	29	33	41	49	56	59	49	32	23	17	13
62	12	20	25	33	50	57	56	60	46	25	31	8	8
63	13	14	31	37	38	54	55	58	47	33	29	15	13
64	15	24	22	31	44	54	57	53	43	31	21	19	15
65	15	15	25	34	52	47	61	47	50	27	26	21	15
66	12	18	21	31	35	46	55	58	49	32	26	20	12
MEAN													
S. D.													
TOTAL OBS.													

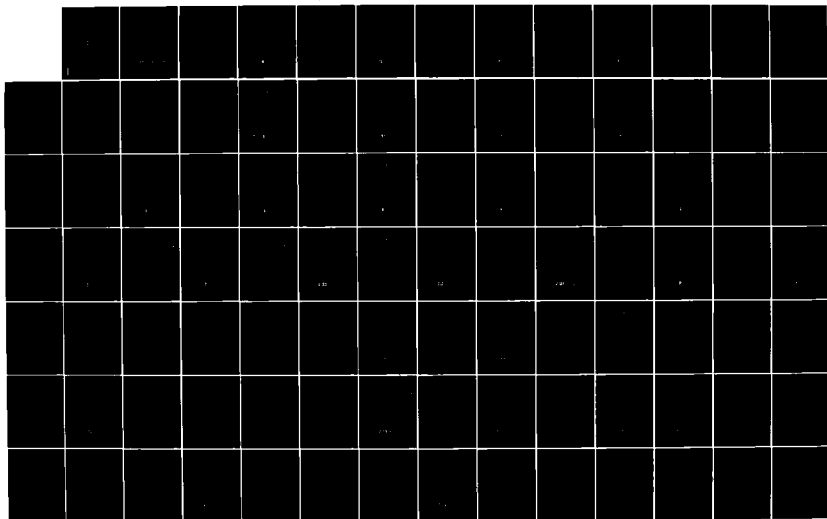
NOTES * (BASED ON LESS THAN FULL MONTHS)

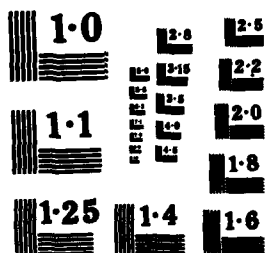
USAF ETAC FORM 0400-0 (04A)

8 (AT LEAST ONE DAY LESS THAN 24 OBS)

NO 6146 910 POPE AIR FAYETTEVILLE NORTH CAROLINA REVISED UNIFORM
SUMMARY OF SURFACE W (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A JUN 84
NO 6146 910 0541130 05 84 020 581 AD 1850 752 176 412 70

45





(FROM DAILY OBSERVATIONS)

YEARS

[illegible]

NOTES * (BASED ON LESS THAN FIVE MONTHS)

USAF ETAC FORM 8-68-8 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

PSYCHROMETRIC SUMMARY

<u>723030</u>	<u>POPE AFB NC</u>
STATION	STATION NAME

74-83

YEAR

JAN

PAGE 1 0000-0200
MAY 1964 (L. A. T.)

100-2020
MEMPHIS, T.N.

[illegible]

PSYCHROMETRIC SUMMARY

POPE AFB NC

74-83

PAGE 2 ~~0000-0200~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
0/-1																								
-2/-3																								
-4/-5																								
-6/-7																								
-8/-9																								
-10/-11																								
TOTAL	7.1	53.2	28.7	9.5	1.4	.1												930	930	930				

PSYCHROMETRIC SUMMARY

74-83

JAN
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1A
North

PAGE 2 ~~0300-0500~~
~~0000-0000~~

[illegible]

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

STATION NAME

7A-83

YEARS

144 NORTH

PAGE 2

~~0600-0800~~
1900 (C. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
10/ 9																					18			
8/ 7																					35			
6/ 5																					12			
4/ 3																					27			
2/ 1																					15			
0/ -1																					8			
-2/ -3																					5			
-4/ -7																					5			
-8/ -9																					1			
-16/ -17																					2			
TOTAL	1.9	14.8	11.0	17.6	21.8	16.8	9.6	4.8	1.4	.3								928	930	928				

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

7A-R3

PAGE 2 ~~0000-1100~~

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723030 STATION POPE AFB NC 74-83 YEARS JAN MONTH

PAGE 2 1200-1400 HOURS (L. Y. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
6/ 5																																			10
4/ 3																																			23
2/ 1																																			15
0/ -1																																			8
-2/ -3																																			3
-22/-23																																			3
TOTAL	2.9	20.1	21.0	25.7	19.4	7.6	2.8	.5																								93	930	930	

U.S. GOVERNMENT PRINTING OFFICE: 1963 O-450124-19

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723030 POPE AFB NC STATION NAME

74-83 YEARS

JAN MONTH

PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point							
70/ 69					.1													1	1									
68/ 67		.1	.4	.4	.4													13	13									
66/ 65		.1	.3	.2	.2													6	6	2								
64/ 63		.3	.2	.2	.4	.1												12	12	4	2							
62/ 61		1.0	.5	.5	.1													20	20	14	4							
60/ 59		.9	.4	.1														13	13	17	12							
58/ 57		.6	.9	.4	.2	.1												21	21	18	16							
56/ 55		.4	.4	.3	.4													15	15	17	13							
54/ 53		.6	1.0	.2	.6	.3	.2	.1										29	29	12	15							
52/ 51	.1	.4	1.3	.1	.5	.2	.2											27	27	21	10							
50/ 49	.5	.8	.8	.4			.1											24	24	25	30							
48/ 47	.3	1.3	1.2	.9	1.0													43	43	27	22							
46/ 45	.1	2.5	1.1	.6	.5	.1												46	46	28	18							
44/ 43		2.0	1.2	1.3	.5	.1												48	48	42	28							
42/ 41		1.7	1.6	1.6	1.2	.1	.1											59	59	48	29							
40/ 39	.3	2.6	1.2	.6	.5	.2												51	51	49	39							
38/ 37	1.0	2.9	1.6	1.0	1.1	.1												71	71	71	29							
36/ 35	.3	2.9	2.3	2.2	1.1													81	81	63	60							
34/ 33	.5	1.7	2.3	1.6	.9													65	65	64	35							
32/ 31	1.1	2.3	2.6	2.8	.5													86	86	59	82							
30/ 29	.3	1.2	2.8	2.3	.1													62	62	78	46							
28/ 27	.2	1.1	1.3	1.6	.3													42	42	60	46							
26/ 25		1.0	1.6	.8														31	31	71	31							
24/ 23		.6	.5	.2														13	13	46	22							
22/ 21	.2	.8	1.1	.1														20	20	40	38							
20/ 19	.1	1.2	.3	.1														16	16	23	64							
18/ 17		.3	.3															6	6	13	27							
16/ 15		.4	.1															5	5	5	52							
14/ 13		.2	.2															4	4	8	29							
12/ 11																				3	34							
10/ 9																				2	30							
8/ 7																					24							
6/ 5																					12							
4/ 3																					12							
Element (X)	Σ x ²		Σ x		Σ	Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ						
Rel. Hum.																												
Dry Bulb																												
Wet Bulb																												
Dew Point																												
Mean No. of Hours with Temperature																						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

74-83

YEARS



PAGE 2 ~~1500-1700~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
2/ 1																								
0/ -1																								
-2/ -3																								
-4/ -5																								
-6/ -7																								
-8/ -9																								
-14/-15																								
-18/-19																								
-20/-21																								
TOTAL	5.2	31.9	29.5	20.2	11.1	1.4	.6	.1										930	930	930				

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

STATION NAME

74-83

YEARS

~~SECRET~~

PAGE 2 ~~1000-2000~~

[illegible]

PSYCHROMETRIC SUMMARY

723030 POPE AFB NC
STATION STATION NAME

78-83

YEAR



PAGE 2 ~~2100-2300~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
0/-1																					7
-1/-5																					1
-6/-7																					2
-8/-9																					6
TOTAL	5.1	51.4	29.9	10.9	2.3	.4	.1											930	930	930	930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723030 POPE AFB NC 78-83 JAN MONTH

PAGE 2 ALL HOURS (L. T. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
12/ 11	.0	.1	.1															20	20	40	267	
10/ 9	.0	.1																6	6	19	227	
8/ 7		.0																3	3	8	222	
6/ 5		.0																2	2	3	121	
4/ 3																				2	132	
2/ 1																					108	
0/ -1																					59	
-2/ -3																					20	
-4/ -5																					8	
-6/ -7																					14	
-8/ -9																					21	
-10/ -11																					1	
-12/ -13																					1	
-14/ -15																					3	
-16/ -17																					4	
-18/ -19																					5	
-20/ -21																					2	
-22/ -23																					3	
TOTAL	4.1	32.1	22.9	16.9	12.2	6.3	3.3	1.7	.4	.1								7438	7440	7438	7438	
Element (X)	Σ x ²		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x	
Rel. Hum.	34898365		485737		65.238		470		7438		18 F		132 F		67 F		73 F		80 F		93 F	
Dry Bulb	13242621		300529		80.152		178		7880				203.8		16.8		3.6		.2		788	
Wet Bulb	10605059		267887		36.057		360		7838				295.8		.3						788	
Dew Point	7630019		270833		28.058		887		7838		18.1		851.2								788	

USAFETAC

FORM 0-26-5 (OL.A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723030 POPE AFB NC 74-83 FEB
STATION MONTH
PAGE 1 0000-0200
HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71				.8														3	3		
70/ 69			.1															1	1		
68/ 67			.1															1	1		
66/ 65			.2															2	2		
64/ 63		.7	.4															9	9	1	2
62/ 61		1.2	.9															18	18	10	3
60/ 59		1.4	.2	.1	.2													17	17	17	16
58/ 57	.2	1.1	.8															18	18	20	17
56/ 55	.2	.4			.1													6	7	13	18
54/ 53	.1	1.9	.5	.2	.1													24	25	10	9
52/ 51	.2	1.1	.7	.2	.7													25	25	21	20
50/ 49	.1	1.3	.9	1.2	.6													35	35	13	14
48/ 47		.9	.7	1.1	.1													24	24	23	9
46/ 45		1.5	.6	.5	.2													24	24	23	19
44/ 43		1.7	.2	.6	.6													26	26	38	11
42/ 41		1.4	3.1	1.1	.5													51	51	26	27
40/ 39	.1	1.9	2.1	1.2														45	45	33	20
38/ 37		2.6	2.7	.7														51	51	39	21
36/ 35	.2	4.5	2.1	1.1	.6	.1												73	73	63	47
34/ 33		3.6	3.1	.8	.2													65	65	74	39
32/ 31	.2	5.6	2.3	1.1														77	77	66	62
30/ 29	.4	4.1	2.8	1.1	.1													72	72	74	50
28/ 27	.2	4.0	.8	.8														50	50	68	58
26/ 25	.1	2.3	.8	.2														29	29	63	84
24/ 23		.9	.8															15	15	42	37
22/ 21	.1	.9	1.3	.1														21	21	21	33
20/ 19	.1	3.3	.9															37	37	24	49
18/ 17		1.3	.8															18	18	36	32
16/ 15	.1	.2																3	3	15	26
14/ 13	.2	.1																3	3	6	25
12/ 11	.1																	1	1	1	36
10/ 9																					16
8/ 7																					19
6/ 5																					9
Element (X)	Σ X'		Σ X		X	C _h		No. Obs.		Mean No. of Hours with Temperature							Total				
Rel. Hum.										≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

U.S. GOVERNMENT PRINTING OFFICE: 1964 O-512711-19

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

STATION NAME

74-83

YEARS

**EEA
NORTH**

PAGE 2

~~0000-0200~~
~~1000-1000~~

PSYCHROMETRIC SUMMARY

FEB

MONTH

0600-0600
MONS (1-5-7)

[illegible]

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

74-83

FEB
MONTH

PAGE 2

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
16/ 15																					21			
14/ 13																					35			
12/ 11																					15			
10/ 9																					21			
8/ 7																					20			
6/ 5																					12			
4/ 3																					9			
2/ 1																					8			
0/ -1																					3			
-2/ -5																					1			
-6/ -7																					2			
TOTAL	4.10	1.10	0.0	8.4	9.0	17.8	14.4	8.7	5.2	3.8	1.2	.5	.2					843	846		843			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723030 POPE AFB NC

74-83

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point
86/ 85															.2		2	2		
82/ 81								.1					.4				5	5		
80/ 79								.1	.4	.1		.1					6	6		
78/ 77									.7	.1							7	7		
76/ 75								.1	.4	.2	.2	.1					9	9		
74/ 73								.2		.1	.6	.2	.1				14	14		
72/ 71					.2	.1	.5	.6	.6	.2							19	19		
70/ 69			.4	.4	.4	.6	1.4	1.3	.2	.8	.6						51	51	1	
68/ 67		.1	.2	.1	.4	.8	1.1	.4	.4	.4	.4	.1					36	37	2	
66/ 65		.5	.2		.6	.6	.5	.2	.5	1.2	.8						43	43	5	1
64/ 63		.7	.5	.4	.5	.7	1.2	.2	1.4	.4	.2						52	53	16	1
62/ 61			.5	.1	.4	.8	1.0	.8	.7	.2							38	38	25	16
60/ 59		.4	.2	.4	.4	.7	.5	1.8	1.3								47	47	35	9
58/ 57		.5	.5	.1	.1	.4	.7	.8	.7								32	32	46	9
56/ 55		1.0	.6			.8	1.5	1.1									42	42	40	13
54/ 53		.2	.7	.1		1.0	1.4	.5	.2								35	35	42	21
52/ 51		.1	.1	.2	.4	.7	1.5	1.3									37	37	39	28
50/ 49		1.0	.5	.1	.6	.5	1.9	.2									40	40	36	30
48/ 47		.2	.2	.4	1.2	3.1	2.0	.4									63	63	53	32
46/ 45		.1	.4	.2	.7	1.3	1.2										33	34	53	32
44/ 43		.7	1.1	.5	1.9	.7	1.0										49	49	52	20
42/ 41		.4	.6	.1	.6	1.8	1.1										38	38	48	18
40/ 39		.8		.5	1.5	1.5	.4										40	40	43	23
38/ 37	.2	.7		.4	1.1	.7											26	26	86	31
36/ 35	.4	2.3	.1	.2	.8	1.8											47	47	49	31
34/ 33		.4	.4	.1	.6												12	12	52	48
32/ 31		.1	.1	.5	.9												10	10	34	55
30/ 29			.1		.2												3	3	35	46
28/ 27																			22	38
26/ 25																			16	33
24/ 23		.4															3	3	4	36
22/ 21		.2															2	2	5	43
20/ 19		.1															1	1	3	57
18/ 17																				23
Element (X)	Σ H ¹		Σ H		Σ	C ₂	No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.									≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total					
Dry Bulb																				
Wet Bulb																				
Dew Point																				

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

FEF

PAGE 2 ~~0900-1100~~
HOURS 11:30-1:00

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723030

POPE AFB NC

74-83

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1900

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point					
80/ 79												.1										1	1		
78/ 77						.1																1	1		
76/ 75					.2			.1			.1											4	4		
74/ 73							.1	.2		.1	.1											5	5		
72/ 71						.1	.2	.1		.1												5	5		
70/ 69			.1			.2			.1	.4	.1											8	8		
68/ 67			.2	.2	.1	.6	.5	.2	.4													19	19	3	
66/ 65		.2	.1	.4	.5	.9	.2	.4	.2	.1												26	26	2	
64/ 63		.7	.5	.9	1.1	.4	.6	.1	.2													38	38	4	2
62/ 61		.7	.6	.4	.7	.7	.7	.2	.2													42	42	17	8
60/ 59		.6	.7	.9	.4	.7	.6	.5	.4													40	40	14	9
58/ 57		.5	.4	.8	.5	.9	.9	1.1	.1													44	44	34	10
56/ 55	.1	.7	.5	.7	.7	.1	1.5	.5														41	41	32	14
54/ 53		.5	.7	.9	.5	.9	1.2	.1														41	41	40	20
52/ 51	.1	.4	.2	.6	.7	2.6	.7	.1														46	46	38	22
50/ 49		.9	.4	.5	.5	.9	.6	.2														34	34	35	30
48/ 47		.4	.6	1.3	2.5	.9	.4															51	51	42	32
46/ 45		.7	.7	1.4	1.1	1.7	.4															50	50	49	20
44/ 43		.6	1.3	1.4	1.7	1.2	.4															55	55	51	18
42/ 41	.1	.6	.9	1.3	1.4	.8																44	44	63	34
40/ 39		1.8	.2	1.1	1.4	.7																44	44	66	30
38/ 37		1.1	.8	1.9	.6	1.1	.1															47	47	52	31
36/ 35	.4	1.9	.8	1.4	1.4	.2																52	52	58	38
34/ 33	.1	.9	1.1	.8	1.7	.1																40	40	63	44
32/ 31	.1	.4	.6	1.9	.7																	31	33	48	86
30/ 29	.1	.1	.5	.7	.2																	14	14	33	44
28/ 27			.4	1.1	.1																	13	13	37	49
26/ 25				.2																		2	2	30	43
24/ 23		.1																				1	1	17	27
22/ 21		.5																				4	4	12	45
20/ 19		.1																				1	1	4	34
18/ 17																									28
16/ 15																									29
14/ 13																									15
Element (X)	$\Sigma H'$		ΣH		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.											≤ 6 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 88 F		≥ 93 F				
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC

PSYCHROMETRIC SUMMARY

74-83

YEARS

FE
MONTH

PAGE 2 ~~1200-1400~~
HHS (C.I.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
12/ 11																					26
10/ 9																					15
8/ 7																					15
6/ 5																					8
4/ 3																					5
2/ 1																					4
0/ -1																					6
-2/ -3																					3
TOTAL	1.1	14.3	11.8	20.5	18.5	16.8	8.9	4.9	1.5	1.2	.4	.1						846	846	844	

PSYCHROMETRIC SUMMARY

74-83

FER
MONTH

PAGE 2

1500-1700
MAY 11 (L. J. J.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEARS

FEB
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb		Wet Bulb	Dew Point			
72/ 71				.4														3	3	3				
68/ 67			.4															3	3	1				
66/ 65		.1																1	1	2				
64/ 63		.1	.5	.2		.1												8	8	4	4			
62/ 61		1.2	.7		.2	.1												19	19	2	3			
60/ 59		1.3	.9	.1	.1	.1												22	22	18	5			
58/ 57		1.3	.7	.1	.1	.1												20	20	16	16			
56/ 55	.4	1.1	.2	.4	.1	.4												21	21	26	21			
54/ 53		1.2	.6	.2		.5												21	21	20	18			
52/ 51		1.4	1.1	.5	.6													30	30	16	19			
50/ 49		.9	.6	.4	.7													22	22	20	12			
48/ 47		1.3	.5	.8	.6													27	27	19	15			
46/ 45		1.8	.6	.2	.5													26	26	28	21			
44/ 43		1.3	.9	2.0	.8													43	43	28	24			
42/ 41		1.5	2.0	1.2	.1													41	41	30	22			
40/ 39	.4	1.5	1.5	1.1	.2													40	40	40	14			
38/ 37		2.0	2.6	.8	.9													54	54	50	15			
36/ 35	.4	3.7	2.7	2.0	.1													75	75	49	43			
34/ 33	.4	4.5	2.5	.7	.2													70	70	68	57			
32/ 31	.4	6.6	2.0	1.5														89	89	74	55			
30/ 29	.4	3.1	2.0	.8	.1													54	54	100	56			
28/ 27		3.3	1.3	.1														40	40	55	66			
26/ 25		2.6	1.2	.4														35	35	49	79			
24/ 23		.7	.4															9	9	38	29			
22/ 21		2.0	1.4	.2														31	31	20	36			
20/ 19		2.5	.6															26	26	31	45			
18/ 17		.9	.4															11	11	26	42			
16/ 15		.4																3	3	11	35			
14/ 13		.2																2	2	4	23			
12/ 11																				1	29			
10/ 9																					10			
8/ 7																					11			
6/ 5																					4			
4/ 3																					8			
Element (X)	ΣX^2		ΣX		\bar{X}	σ_x		No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.										$\leq 6 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$									
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC

PSYCHROMETRIC SUMMARY

723030 POPE AFB NC

74-83

EEB

STATION

STATION NAME

YEARS

MONITOR

PAGE 2

ALL
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
18/ 17		.4	.2															37	37	96	249			
16/ 15	.5	.1																7	7	36	228			
14/ 13	.3	.1																6	6	13	210			
12/ 11	.0																	1	1	2	193			
10/ 9																					120			
8/ 7																					105			
6/ 5																					56			
4/ 3																					58			
2/ 1																					45			
0/ -1																					42			
-2/ -3																					7			
-4/ -5																					2			
-6/ -7																					2			
TOTAL	1.4	27.4	20.7	15.5	12.3	9.3	6.3	3.4	1.9	1.2	.5	.1	.1	.0				6749	6766		6749			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723030 POPE AFB NC 74-83 MAR 0300-0500

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
82/ 81								.1	.1								2	2		
80/ 79							.1	.1	.2								4	4		
78/ 77							.1	.3	.2								6	6		
76/ 75					.1	.3	.3	.2									9	9		
74/ 73					.3	.5	.1	.1									10	10		
72/ 71			.2	.4	.3	.8	.6	.1		.1							24	24		
70/ 69		.1	.4	.2	.4	.6	.4	.5		.1							27	27		
68/ 67		.1	1.2	.9	1.0	.5	.5	.2	.2	.1							44	44	7	
66/ 65		.4	.6	.6	1.2	.5	1.0	.1	.4								46	46	21	3
64/ 63		.8	1.4	1.7	.5	.2	.5	.6	.3								57	57	24	15
62/ 61		.4	.2	1.3	1.4	1.0	1.0	.8	.3								59	59	50	21
60/ 59		.6	.6	1.1	.6	.9	.5	1.4	.2	.1							57	57	44	19
58/ 57	1.6	.8	.8	1.4	1.2	1.4	.2	.1									69	69	50	24
56/ 55	.8	1.2	1.1	1.0	1.2	1.0	.8	.2									66	66	57	40
54/ 53	.9	1.0	1.0	.9	1.3	.9	.2										56	56	49	58
52/ 51	.8	1.1	1.0	1.4	1.5	.8	.3										57	57	52	43
50/ 49	.3	1.1	1.0	1.3	1.5	1.2	1.1	.3									72	72	68	46
48/ 47	.2	1.0	1.0	.9	1.1	1.3	.8										57	57	75	37
46/ 45	.2	2.0	.8	.4	1.3	1.7	.3										63	63	78	52
44/ 43	.1	.5	.8	.6	1.3	.9	.2										41	41	71	51
42/ 41		.4	.3	.2	1.3	.5											26	26	60	48
40/ 39		.8	.6	.2	.9	.2											22	22	44	41
38/ 37	.2	.2	.3	.4	.4	.2											17	17	51	43
36/ 35		.2	.1	.5	.4												12	12	45	41
34/ 33		.6		.2	.3												11	12	32	47
32/ 31	.3			.5	.1												9	9	19	60
30/ 29				.1	.1												2	2	12	33
28/ 27																			8	30
26/ 25				.1													1	1	5	30
24/ 23																			2	13
22/ 21		.3															3	3	2	26
20/ 19																			3	34
18/ 17																				22
16/ 15																				24
Element (X)	Σ ₁		Σ ₂		Σ		Σ ₄		No. Obs.		Mean No. of Hours with Temperature						Total			
Rel. Hum.											≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F				
Dry Bulb																				
Wet Bulb																				
Dew Point																				

FORM 0-26-5 (OL.A) REVERSED MENSURAL EDITIONS OF THIS FORM ARE OBSOLETE
JAN 64
USAFETAC

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

74-83

MAR
MONTH

PAGE 2

0300-0500
MAY 1968 (L. S. T.)

PSYCHROMETRIC SUMMARY

MAR
MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

MAF
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

723030 POPE AFB NC

74-83

MAR

PAGE 2 1200-1400
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

MAR
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

MAR
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEARS

MAR
MONTH

PAGE 1 2100-2300
HOURS (L. T. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																	
70/ 69				.1	.3																											4	4				
68/ 67		.5	.4	.6	.2	.1																										18	18				
66/ 65		1.1	.5	.3																												18	18	8	3		
64/ 63		1.5	.6	.5																												25	25	21	9		
62/ 61		1.3	1.5	1.1	.4				.1																							41	41	19	15		
60/ 59	.1	1.4	1.2	1.0				.2																								36	36	26	21		
58/ 57		1.9	2.3	.9	.2		.2																									51	51	45	25		
56/ 55	.2	1.5	1.3	.6	.1	.4	.5	.1																								45	45	39	31		
54/ 53	.2	2.0	1.6	.6	.4	.2	.4																									52	52	51	40		
52/ 51	.3	2.0	1.6	.5	1.1	.2																										54	54	35	44		
50/ 49	.5	1.7	1.1	1.6	.3		.1																									50	50	53	58		
48/ 47		2.4		1.3	.4	.2	.1																									41	41	41	34		
46/ 45	.2	4.0	1.1	.8	.2	.3																										61	61	55	42		
44/ 43	.1	2.5	2.4	1.0	.4	.2																										61	61	65	45		
42/ 41	.3	4.1	1.4	.9	.5																											67	67	73	35		
40/ 39	.2	1.8	1.9	1.5	.2																											53	53	55	44		
38/ 37	.2	3.4	1.4	1.0																												56	56	47	56		
36/ 35		2.8	1.8	.6																												49	49	68	53		
34/ 33	.4	2.0	2.6	1.1	.1																											58	58	65	51		
32/ 31	.2	2.4	1.9	.9																												50	50	49	75		
30/ 29	.2	.6	.3	.1																												12	12	51	42		
28/ 27	.1	1.0	.2	.3																												15	15	27	42		
26/ 25	.1	.2	.4																													7	7	21	42		
24/ 23																																			4	31	
22/ 21			.1																														1	1	6	20	
20/ 19	.1	.2	.2																													5	5	2	38		
18/ 17																																			2	6	
16/ 15																																			2	2	
14/ 13																																				10	
12/ 11																																				9	
10/ 9																																				2	
8/ 7																																				2	
2/ 1																																				3	
Element (X)	Σ X					Σ	X	°	No. Obs.	Mean No. of Hours with Temperature						Total																					
Rel. Hum.										≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																						
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

74-83

MAS

PAGE 1

All

1

YEARS

MAR
MONTH

~~ALL~~
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 2 ~~0300-0500~~
~~0300-0500~~

[illegible]

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APR
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0600-0800

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0-26-5 (QLA)

USAFETAC

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

74-83

API
MONTH

PAGE 2

~~0600-0800~~
~~1947-1-1-1~~

[illegible]

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

74-83

APPENDIX

PAGE 2 ~~0900-1100~~
HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
28/ 27																					22			
26/ 25																					34			
24/ 23																					10			
22/ 21																					12			
20/ 19																					16			
18/ 17																					4			
16/ 15																					7			
14/ 13																					1			
12/ 11																					5			
10/ 9																					3			
TOTAL	.3	4.0	2.7	2.4	4.8	6.4	7.0	11.3	17.8	13.2	15.0	6.4	4.4	3.8		.3		900	900	900				

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

1200-1400
HOURS (L.S.T.)

PSYCHROMETRIC SUMMARY

APR
MONTH

PAGE 2 ~~1200-1400~~
~~000000~~

[illegible]

PSYCHROMETRIC SUMMARY

723030

POPE AFB NC

74-83

APR

STATION

STATION NAME

YEARS

NIGHT 14

PAGE 1

1500-1700

HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

APR
MONTH

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

723030 POPE AFB NC

74-83

NAME _____

PAGE 1 0000-0200

[illegible]

PSYCHROMETRIC SUMMARY

723030

POPE AFB NC

74-83

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

74-83

SECRET

PAGE 2 ~~0300-0500~~
~~1000-1100~~

[illegible]

PSYCHROMETRIC SUMMARY

723030 POPE AFB NC

74-83

MAY

PAGE 1 0600-0800
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

723030 POPE AFB NC
STATION STATION NAME

74-83

YEARS

1999

PAGE 2 ~~0600-0800~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	= 31	D.B./W.S.	Dry Bulb	Wet Bulb	Dew Point
28/ 27																					1
26/ 25																					3
20/ 19																					2
18/ 17																					1
TOTAL	.1	2.0	4.4	6.4	8.1	11.9	15.6	15.3	15.0	9.8	5.3	3.6	2.0	.5					929	929	929

PSYCHROMETRIC SUMMARY

MAY

MONTH

0900-1100
MORNING (L. & T.)

[illegible]

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

74-83

MA 3

PAGE 2 ~~0900-1100~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (P)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
30/ 29																					4
28/ 27																					3
26/ 25																					2
22/ 21																					1
20/ 19																					2
TOTAL		2.6	4.6	6.0	8.6	7.5	11.6	15.7	15.2	10.0	7.9	5.3	3.3	1.4	.2				929		929
																		929		929	

PSYCHROMETRIC SUMMARY

723030

POPE AFB NC

74-83

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400

HOURS (L. S. T.)

[illegible]

[illegible]

PSYCHROMETRIC SUMMARY

MAY

MONTH

1500-1700
HOURS (E.S.T.)

[illegible]

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

74-83

YEARS

MAY
MONTH

PAGE 1 ~~1800-2000~~

[illegible]

PSYCHROMETRIC SUMMARY

HAY
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

74-83

YEARS

MA
00000

HOURS 12.57.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
98/ 97												.0						2	2															
96/ 95										.0	.0	.0						4	4															
94/ 93								.0	.0	.1	.1	.0	.1	.0	.0	.0		25	25															
92/ 91							.0	.0	.1	.1	.1	.1	.1	.1	.1	.0		54	54															
90/ 89							.0	.3	.2	.2	.1	.2	.0	.1				88	88															
88/ 87					.0	.1	.3	.3	.4	.2	.2	.1	.1	.0				124	124															
86/ 85			.0		.0	.3	.4	.8	.3	.2	.2	.1	.3	.0				208	208															
84/ 83			.0		.1	.4	1.1	.8	.7	.3	.3	.1	.1					299	299															
82/ 81				.1	.2	1.0	.9	.6	.5	.3	.3	.1	.0					303	303	2														
80/ 79			.0	.4	.7	1.0	.8	.6	.5	.4	.2	.1	.0					342	342	7	2													
78/ 77		.1	.3	.8	1.5	.8	.6	.6	.6	.4	.2	.2						455	455	31	2													
76/ 75		.3	.7	1.6	1.1	1.0	.5	.7	.5	.4	.2	.1						555	555	104	3													
74/ 73	.0	.5	1.3	1.7	.9	.8	.6	.4	.7	.3	.2	.0						539	539	292	47													
72/ 71	.3	1.0	3.3	1.1	1.0	.6	.5	.4	.4	.2	.1							682	682	531	175													
70/ 69	.1	1.8	3.4	1.2	1.0	.6	.6	.3	.2	.1	.0							692	692	799	315													
68/ 67	.1	2.1	2.9	1.0	.9	.7	.3	.3	.1	.2	.0							643	643	878	667													
66/ 65	.2	2.2	1.2	.8	.7	.4	.3	.3	.1	.1	.0							468	468	797	814													
64/ 63	.1	1.5	1.0	1.0	.6	.3	.2	.1	.0	.1								362	362	726	723													
62/ 61	.2	1.2	1.0	.9	.6	.3	.1	.0	.0	.0								323	323	620	640													
60/ 59	.0	1.1	1.6	.7	.3	.1	.1	.0	.0									296	296	522	480													
58/ 57	.1	1.2	1.1	.5	.1	.1	.1	.0										236	236	503	461													
56/ 55	.2	1.2	.7	.4	.2	.1	.0											217	217	476	454													
54/ 53	.1	1.7	.6	.2	.0	.1												150	150	355	513													
52/ 51		.5	.8	.1	.1	.0												120	120	221	423													
50/ 49		.7	.4	.2	.0	.0												105	105	182	380													
48/ 47		.5	.3	.0	.1													67	67	176	292													
46/ 45		.2	.2	.0	.0													33	33	100	279													
44/ 43	.0	.1	.1															19	19	63	203													
42/ 41	.0	.1	.1	.0														20	20	31	158													
40/ 39	.0	.0	.0</																															

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

74-83

MAY
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

74-83

JUN
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
98/ 97											.1							1	1													
96/ 95									.2	.2								4	4													
94/ 93								.4	.2	.3								9	9													
92/ 91						.3	.1	.7	.3									13	13													
90/ 89					.2	.2	.2	.9	.2	.3								19	19													
88/ 87					.6	.7	1.2	.9	.9	.3	.1	.1						43	43													
86/ 85	.1		.2	1.0	1.8	1.6	1.3	.2	.2	.1								59	59													
84/ 83		.4	.8	1.9	2.2	2.3	1.4	.7	.3									91	91	2												
82/ 81	.1	.1	1.7	1.9	3.0	2.4	2.0	.3	.3	.1								108	108	5	1											
80/ 79		1.9	2.9	2.9	3.6	1.9	1.4	.2	.2									135	135	24	3											
78/ 77	.1	1.0	2.1	3.7	1.9	1.4	1.9	.6	.2									116	116	49	14											
76/ 75	.9	1.3	2.8	1.4	1.0	1.4	1.4	.6										98	98	91	22											
74/ 73	.1	.8	1.2	1.9	.7	.9	.8	.8	.1									65	65	133	66											
72/ 71	.3	.7	1.1	1.0	.8	.8	.2	.3										47	47	132	97											
70/ 69	.1	.6	1.0	.3	.4	.2	.4	.2	.1	.1								32	32	137	95											
68/ 67	.3	.9	.1	.1	.7	.2	.2	.1										24	24	95	123											
66/ 65		.3	.8	.2	.2	.2		.1										17	17	56	99											
64/ 63	.1	.1	.2	.2														6	6	68	83											
62/ 61	.2	.4		.1	.2													9	9	48	62											
60/ 59	.1	.3																4	4	29	57											
58/ 57																				15	40											
56/ 55																				9	43											
54/ 53																				6	22											
52/ 51																				1	28											
50/ 49																					21											
48/ 47																					9											
46/ 45																					5											
44/ 43																					2											
42/ 41																					4											
40/ 39																					1											
38/ 37																					1											
36/ 35																					2											
TOTAL	.7	4.4	9.6	14.4	16.2	17.4	14.9	13.9																								

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723030 POPE AFB NC

74-83

STATION NAME

YEARS

MM
MONTH

PAGE 1 0600-0800
HOURS (L.T.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
104/103														.1			.1		1	1					
102/101													.1					1	1						
100/ 99												.2	.4					6	6						
98/ 97											.2	.6		.1				8	8						
96/ 95								.2	.4	.8	.3	.2	.2					20	20						
94/ 93						.1	.3	.6	.8	1.1	.7	.1	.1					34	34						
92/ 91					.2	.1	.7	1.4	1.2	.8	.4	.1						45	45						
90/ 89					.8	.6	3.1	1.6	1.9	.4	.1	.1						74	74						
88/ 87				.1	.2	.8	2.1	2.8	1.6	1.3	.6	.1						86	86						
86/ 85			.1	.8	2.3	2.2	3.9	1.6	2.1	1.7	.1			.1			.1	134	134						
84/ 83			.3	2.1	1.3	2.9	1.7	1.8	1.1	.4	.1							106	106	4					
82/ 81			.2	.9	1.8	1.3	2.1	1.0	2.6	1.0	.3	.1						102	102	8	1				
80/ 79			.3	1.0	1.4	2.0	1.0	1.3	1.1	1.0	.6	.1						89	89	24	5				
78/ 77		.1	.7	.6	1.6	.6	.9	1.0	1.0	.1								70	70	73	7				
76/ 75		.4	.3	1.3	.4	.7	.3	.8	.2	.1								42	42	124	16				
74/ 73		.7	.3	.6	.3	.2	.2	.6	.2	.1	.1							30	30	153	88				
72/ 71		.4	.3	.3	.2		.3	.1		.2	.1							19	19	124	94				
70/ 69		.3	.1	.7	.1	.1		.1										13	13	113	185				
68/ 67			.2	.2	.1	.1												6	6	72	113				
66/ 65		.1	.3	.2														6	6	80	83				
64/ 63	.2	.1	.1															4	4	49	84				
62/ 61		.3	.1															4	4	37	56				
60/ 59																				27	56				
58/ 57																				7	52				
56/ 55																				2	57				
54/ 53																				2	31				
52/ 51																				1	31				
50/ 49																					14				
48/ 47																					13				
46/ 45																					13				
44/ 43																					4				
42/ 41																					1				
40/ 39																					2				
38/ 37																					1				
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.													≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total						
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC

FORM 0-26-5 (O.L.A.)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. GOVERNMENT PRINTING OFFICE: 1972-1041-044-01/10

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

74-83

JUN

PAGE 2

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.S./W.B.	Dry Bulb	Wet Bulb	Dew Point
36/ 35																					1
34/ 33																					1
32/ 31																					1
TOTAL	.2	2.6	3.2	6.2	9.1	10.2	13.1	17.8	14.7	13.2	6.8	2.0	.7	.2				900		900	
																		900		900	

PSYCHROMETRIC SUMMARY

74-83

YEARS

1000

PAGE 1 ~~0000-1100~~
1999 11 10

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
104/103														.2				2	2					
102/101														.2	.1	.1		4	4					
100/ 99												.4						4	4					
98/ 97								.2		.2	.7	.1	.2	.1				14	14					
96/ 95							.1	.2	.4	1.2	.4	.6						27	27					
94/ 93								.2	1.0	1.3	.9							31	31					
92/ 91							.3	.6	1.8	1.4	1.2	1.2	.2					61	61					
90/ 89					.1	.1	.6	2.3	1.9	1.8	1.1	1.0						77	77					
88/ 87					.1	1.1	1.3	2.3	1.4	3.2	1.3	.7	.1					105	105					
86/ 85				.1	1.0	1.6	1.2	3.1	2.8	1.8	1.3	.1	.2					116	116					
84/ 83				.3	.6	1.8	1.8	1.6	1.2	1.7	1.0	.2						91	91	4				
82/ 81			.1	.4	1.3	1.3	1.6	1.6	1.0	1.3	.9	.1						87	87	3				
80/ 79			.8	.8	1.3	2.1	.2	.9	1.7	.8	.6							82	82	26				
78/ 77		.2	1.3	1.7	.4	.3	.7	1.6	.3	.7								60	60	72				
76/ 75		.9	1.0	1.4	.9	.3		.3	.7		.1							51	51	100				
74/ 73		1.3	1.1	.1	.2	.1	.2	.4	.3	.1	.1							37	37	156				
72/ 71		.4	.4	.4	.8													19	19	148				
70/ 69		.3	.8		.3													13	13	120				
68/ 67		.2	.4		.1													7	7	85				
66/ 65		.1	.7	.2														9	9	72				
64/ 63		.2	.1															3	3	60				
62/ 61																				31				
60/ 59																				19				
58/ 57																				1				
56/ 55																				3				
54/ 53																								
52/ 51																								
50/ 49																								
48/ 47																								
46/ 45																								
44/ 43																								
42/ 41																								
40/ 39																								
38/ 37																								
Element (X)	ΣX^1																							

PSYCHROMETRIC SUMMARY

723030

POPE AFB NC

74-83

JUN

STATION**STATION NAME**

YEARS

MONTH

PAGE 2

0900-1100

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

723030 POPE AFB NC

74-83

**FILM
MONTH**

PAGE 1 ~~1200-1400~~
~~1000s (C. F. Y.)~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point															
102/101														.1				1	1																
100/ 99												.1						1	1																
98/ 97											.1	.1	.1					3	3																
96/ 95							.1			.1	.3							5	5																
94/ 93								.1	.3	.3	.1	.1						9	9																
92/ 91					.1		.2	.3	.3	.2								17	17																
90/ 89				.1		.2	.6	1.1	.3	.6	.4	.1						31	31																
88/ 87					.2	1.6	1.1	1.7	.6	.7	.2	.2						56	56																
86/ 85					.7	1.1	2.0	2.7	1.3	1.2	.2	.2						76	76																
84/ 83				.2	1.3	1.9	1.7	1.3	1.9	.6	.4	.1						85	85	3															
82/ 81			.1	1.1	1.3	2.6	3.3	1.3	1.3	.3	.6							108	108		2														
80/ 79			.7	1.8	1.8	3.2	1.3	1.1	.9	.8	.1	.1						103	103	13	1														
78/ 77		.1	1.6	1.3	3.1	1.1	1.2	1.6	.6	.1	.1							97	97	44	2														
76/ 75		1.7	2.6	1.6	.8	1.0	.7	1.4	.7	.3								96	96	83	18														
74/ 73	.2	3.1	1.6	1.8	.3	.7	1.0	.8	.1	.1								87	87	128	64														
72/ 71	.1	.9	1.8	.7	.7	.7	.6	.2	.1	.1								52	52	139	99														
70/ 69		.8	.8	.3	.9	.6	.2		.1									33	33	164	89														
68/ 67		.9	.7	.7	.1	.1	.1											23	23	98	120														
66/ 65		.3	.3	.2		.2												10	10	66	93														
64/ 63		.1	.1	.2														4	4	69	90														
62/ 61	.2				.1													3	3	51	60														
60/ 59																				29	62														
58/ 57																				7	51														
56/ 55																				5	86														
54/ 53																				1	31														
52/ 51																					21														
50/ 49																					25														
48/ 47																					12														
46/ 45																					6														
44/ 43																					3														
42/ 41																					2														
40/ 39																					3														
TOTAL	.6	7.9	10.2	10.0	11.1	14.9	13.1																												

PSYCHROMETRIC SUMMARY

JUN

MONTY

1500-1700

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS



PAGE 1 ~~1800-2000~~
~~1900-2000~~

[illegible]

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

74-83

JUN

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

74-83

STATION

STATION NAME

YEARS

**11 IN
MONTH**

PAGE 4

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
104/103																		3	3																
102/101																		6	6																
100/ 99																		11	11																
98/ 97																		26	26																
96/ 95																		56	56																
94/ 93																		83	83																
92/ 91																		137	137																
90/ 89																		201	201																
88/ 87																		301	301																
86/ 85																		412	412																
84/ 83																		425	425	13															
82/ 81																		489	489	16	5														
80/ 79																		552	553	108	10														
78/ 77																		579	579	305	53														
76/ 75																		664	664	506	128														
74/ 73																		706	706	903	881														
72/ 71																		651	651	964	720														
70/ 69																		858	858	1069	792														
68/ 67																		404	404	888	890														
66/ 65																		295	295	621	71														
64/ 63																		246	246	572	687														
62/ 61																		198	198	426	550														
60/ 59																		113	113	310	492														
58/ 57																		77	77	166	385														
56/ 55																		44	44	139	334														
54/ 53																		37	37	90	268														
52/ 51																		16	16	54	200														
50/ 49																		8	8	36	152														
48/ 47																		4	4	6	110														
46/ 45																		1	1	6	88														
44/ 43																				1	29														
42/ 41																					19														
40/ 39																					11														
38/ 37																					3														
Element (X)	Σ X ²			Σ X																															

PSYCHROMETRIC SUMMARY

JUN
MONTH

MONTH

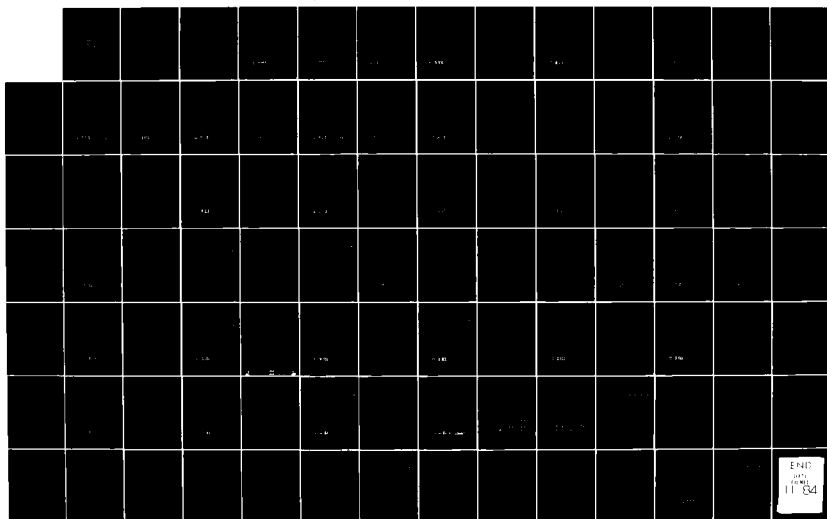
ALL

ALL
HOURS (L. S. T.)

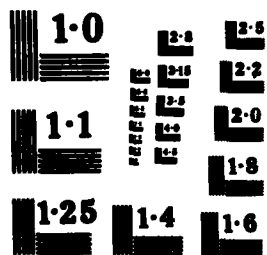
[illegible]

100-4146-910 POPE AFB FAYETTEVILLE NORTH CAROLINA REVISED DRAFT
 SUMMARY OF SURFACE W (CO) AIR FORCE ENVIRONMENTAL
 TECHNICAL APPLICATIONS CENTER SCOTT A JUN 84
 100-4146-910 00-020-581 AD 1050-752

55



END
 11 84



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

STATION NAME

74-83

YEARS

1981
MONTH

PAGE 1

0600-0800
LOCAL (L.T.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point						
104/103													.1	.1	.1							3	3			
102/101												.2	.2									4	4			
100/ 99										.2	.2	.4	.4									12	12			
98/ 97										.3	.3	.3	.3	.1								15	15			
96/ 95								.4	1.5	1.2	.6	.8	.1									43	43			
94/ 93						.1	.2	2.9	2.6	2.9	.9	.8										93	93			
92/ 91					.1	.2	1.4	2.7	3.7	2.3	.5											101	101			
90/ 89						1.1	2.9	4.8	3.0	1.2	.5	.8										130	131			
88/ 87				.1	.5	3.7	4.3	3.2	1.9	.6	.8	.2	.1									144	144			
86/ 85			.2	1.6	3.2	2.9	3.0	1.0	.8	.3	.1	.1										123	123			
84/ 83			.1	.3	2.7	1.3	1.5	1.2	1.3	1.0	.1											88	88	4		
82/ 81			.2	1.2	.9	1.5	.2	.6	.6	.3												52	52	22	1	
80/ 79		.2	.3	1.3	1.2	.5	.4	.3	.4													44	44	111	6	
78/ 77			.4	1.3	.9	.1	.1	.2	.1													29	29	159	13	
76/ 75		.3	.4	.4	.3	.1	.2	.2														19	19	229	60	
74/ 73		.9	.4	.5	.2	.1	.1															21	21	164	183	
72/ 71	.2	.2	.1	.1																		6	6	102	145	
70/ 69		.1		.1																		2	2	59	160	
68/ 67																								39	142	
66/ 65																								25	81	
64/ 63																								12	44	
62/ 61																								3	40	
60/ 59																									21	
58/ 57																									20	
56/ 55																									21	
54/ 53																									12	
52/ 51																									6	
50/ 49																									2	
46/ 45																									2	
TOTAL	.2	1.7	2.0	5.6	8.9	13.9	3.3	9.7	10.6	10.8	4.8	2.9	1.1	.2	.1								929	929	929	
Element (X)	Σg'		Σg		Σ		Σg		Σg		Σg		Σg		Σg		Σg		Σg		Σg		Σg		Σg	
Rel. Hum.	2958905		51000		88.9		88.9		88.9		88.9		88.9		88.9		88.9		88.9		88.9		88.9		88.9	
Dry Bulb	7215994		81227		87.3		87.3		87.3		87.3		87.3		87.3		87.3		87.3		87.3		87.3		87.3	
Wet Bulb	5172581		69227		74.9		74.9		74.9		74.9		74.9		74.9		74.9		74.9		74.9		74.9		74.9	
Dew Point	838387		63613		68.5		68.5		68.5		68.5		68.5		68.5		68.5		68.5		68.5		68.5		68.5	

USAFETAC

PSYCHROMETRIC SUMMARY

74-83

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PAGE 1 ~~1200-1400~~
HARRIS (C. I. F.)

[illegible]

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

74-83

MONTH

PAGE 1 ~~1800-2000~~
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

723030

POPE AFB NC

74-83

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

2:00 - 2:30
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

74-83

AUG
MONTH

PAGE 1 0000-0200
HOURS (1 8 7)

[illegible]

PSYCHROMETRIC SUMMARY

AUG
MONTH

0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

74-83

AUG

PAGE 1 1200-1400
MMH (L. S. I.)

[illegible]

PSYCHROMETRIC SUMMARY

723030 POPE AFB NC
STATION STATION NAME

74-83

YEARS

AUG
MONTH

PAGE 1 ~~1500-1700~~
1948 (L.S.F.)

[illegible]

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AUG

MONTH

1800-2000

MOONS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 64

PSYCHROMETRIC SUMMARY

723030 POPE AFB NC

74-83

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PAGE 1 ~~2100-2300~~

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PSYCHROMETRIC SUMMARY

723030	POPE AFB NC
STATION	STATION NAME

74-83

YEAR

Alle

MONTH

PAGE 1

ALL

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
106/105														.0				1	1																
104/103														.0		.0		3	3																
102/101												.0		.0				2	2																
100/99												.0	.1					10	10																
98/97										.0	.1	.1	.1	.0				32	32																
96/95									.1	.3	.6	.2	.1					83	83																
94/93							.0	.2	.8	.8	.4	.1						180	180																
92/91					.0	.0	.2	.8	1.1	.7	.4	.1	.0					264	264																
90/89					.0	.2	.8	1.7	.8	.6	.3	.1	.0					338	338																
88/87			.0		.1	1.0	1.7	1.3	.8	.3	.1	.1						406	406																
86/85		.0		.1	.8	1.9	1.6	.8	.4	.3	.1							444	444																
84/83		.0	.0	.8	1.6	1.9	1.3	.7	.4	.2								521	521	4															
82/81	.0	.0	.3	1.7	2.3	1.7	.7	.5	.1	.1								555	555	8															
80/79	.0	.2	1.2	3.0	2.1	1.2	.5	.2	.2	.1	.1							646	646	127															
78/77	.0	.7	3.2	3.0	1.7	.4	.4	.2	.0	.1								720	721	609															
76/75	.4	1.9	4.4	2.4	1.1	.4	.2	.1	.1	.0								817	817	1069															
74/73	.9	3.5	3.8	1.7	.4	.3	.1	.1	.0									808	808	1552															
72/71	.5	3.1	2.4	.7	.4	.2	.1	.0										545	545	1343															
70/69	.8	1.6	2.1	.4	.3	.0	.0	.0										390	390	1043															
68/67	.3	1.1	1.1	.5	.2	.0	.0											245	245	583															
66/65	.2	1.0	.6	.5	.1	.0	.1											185	185	412															
64/63	.3	.6	.3	.2	.0	.0												104	104	257															
62/61	.0	.4	.2	.1														50	50	188															
60/59	.0	.3	.2	.0														39	39	114															
58/57	.0	.1	.2															22	22	56															
56/55		.1	.1															12	12	36															
54/53		.1	.1															12	12	19															
52/51																				11															
50/49		.0																3	3	4															
48/47		.0																1	1	2															
46/45																				1															
44/43																				1															
TOTAL	3.5	14.7	20.1	15.0	11.2	9.3	7.7	6.6	4.9	3.6	2.1	.6</																							

PSYCHROMETRIC SUMMARY

723030 POPE AFB NC
STATION STATION NAME

74-83

YEARS

SEP
MONTH

PAGE 1 ~~0000-0200~~

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PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

74-83

YEARS

SEP
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

~~SECRET~~

0600-0800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
98/ 97									.1	.2	.4	.2						2	2					
96/ 95									.1	.4	.7	.2						9	9					
94/ 93									.1	.4	.7	.1						12	12					
92/ 91								.3	1.4	.4	.7							26	26					
90/ 89			.1			.1	1.1	2.2	2.0	1.3	.6							67	67					
88/ 87		.1				1.0	2.7	1.9	1.7	1.0	.1							76	76					
86/ 85				.2	.2	3.5	2.3	2.8	.7	.7	.1							94	94	2				
84/ 83		.1		.7	1.0	2.5	2.5	1.2	1.0	1.0	.8							93	93					
82/ 81		.1	.1	1.2	.9	1.4	1.6	1.8	1.2	.4	.4							83	83	1				
80/ 79			.2	1.2	1.4	1.7	1.6	1.7	1.2	.7								87	87	1				
78/ 77		.7	.3	1.7	1.8	.4	1.6	1.3	1.3	.7	.1							89	89	42				
76/ 75		.4	.6	.9	.4	.6	1.8	.8	1.0	.3	.1							59	59	139				
74/ 73		.3	1.0	1.0	.7	.7	.8	.7	.9	.2								56	56	142				
72/ 71	.2	1.0	.6	.7	.3	.2	.1	.1	.4	.3								36	36	112				
70/ 69		1.0	.7	.2	.3	.1	.7	.4	1.1	.1								42	42	92				
68/ 67			.7	.3	.2	.8	.8	.1	.4									30	30	74				
66/ 65			1.3	.7														18	18	73				
64/ 63		.2	.3	.3														8	8	61				
62/ 61		.1	.1	.1	.2													5	5	55				
60/ 59		.2				.2												4	4	27				
58/ 57					.1													1	1	29				
56/ 55																				24				
54/ 53																				13				
52/ 51																				2				
50/ 49																				1				
48/ 47																								
46/ 45																								
44/ 43																								
42/ 41																								
40/ 39																								
38/ 37																								
36/ 35																								
TOTAL	.2	4.3	6.0	9.3	7.7	13.2	17.1	15.4	14.7	7.9	3.7	.6						897	897	897				
Element (X)	ΣX'			ΣX			Σ																	

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

STATION NAME

74-83

YEARS

SEP
MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

74-83

SEP
MONTH

PAGE 2 ~~0900-1100~~
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723030 POPE AFB NC 78-83 SEP
STATION NAME YEARS MONTH

PAGE 1 1500-1700
HOURS (L. T. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																	
86/ 85								.1										1														1					
84/ 83					.2	.1	.2	.1										6														6					
82/ 81				.3	.6	1.0	.1											18														18					
80/ 79			.4	1.3	1.3	.6												33														33					
78/ 77		.3	2.7	3.6	2.8	.3	.1	.1										89														89	1	1			
76/ 75		2.0	4.0	3.8	.4	.4												96														96	17	2			
74/ 73	.2	2.8	4.8	2.6	.1													94														94	87	29			
72/ 71	.6	4.3	4.3	1.0	.4	.1												95														95	141	85			
70/ 69	.6	4.1	4.1	1.6	.3	.1												97														97	134	120			
68/ 67	.7	2.1	4.3	1.6	.3	.2	.1											84														84	96	146			
66/ 65	.4	2.4	2.9	1.9	.6	.1		.1										76														76	85	97			
64/ 63		2.7	1.8	1.8			.1											57														57	73	75			
62/ 61		1.7	1.9	.8	.4													43														43	59	64			
60/ 59		1.6	1.8	.3	.1													31														31	61	57			
58/ 57		1.0	.9	.2														19														19	43	56			
56/ 55		.9	.8	.7														21														21	33	46			
54/ 53		.9	1.6	.3														25														25	18	27			
52/ 51		.2	.8															9														9	21	36			
50/ 49		.3	.3															6														6	19	17			
48/ 47																																		10	13		
46/ 45																																		2	16		
44/ 43																																			9		
42/ 41																																			2		
40/ 39																																			2		
TOTAL	2.4	27.3	36.8	21.7	7.7	3.0	.7	.4										900														900	900	900			

Element (X)	Σ X ²	Σ X	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	601884	7387	45.2	6.438	900	≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	817128	6239	45.3	7.887	900			61.3	33.7	3.8		90
Wet Bulb	1900897	5887	45.5	8.678	900			87.6	10.5			90
Dew Point	3682648	5682	43.2	7.278	900			38.3	3.2			90

USAFETAC FORM 0-26-5 (O.L.A.) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

SEP
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

723030 POPE AFB NC
STATION STATION NAME

74-83

YEARS

SEP
MONTH

PAGE 1 ~~2100-2300~~
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

74-83

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HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

723030 POPE AFB NC
STATION STATION NAME

74-83

YEARS

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PAGE 2

11
HOURS (L.S.T.)

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PSYCHROMETRIC SUMMARY

74-83

OCT

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

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PAGE 1 ~~0300-0500~~
~~1998 J. I. I.~~

[illegible]

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

74-83

05-

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

723030 POPE AFB NC
STATION STATION NAME

74-23

YEARS

OCT
MONTH

PAGE 1 ~~0600-0800~~
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

OCT
MONTH

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
22/ 21																					2
20/ 19																					2
18/ 17																					2
TOTAL	.3	3.1	6.1	6.4	7.0	13.6	18.6	19.7	13.6	7.6	3.1	.8	.1						930		929
																		929		929	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

STATION NAME

74-83

YEARS

OCT
MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
90/ 89									.2	.2								4	4					
88/ 87								.2	.1	.3								6	6					
86/ 85							.2	.2	.3	.4	.1							12	12					
84/ 83						.1	.3	.6	.4	.6	.3	.8						27	27					
82/ 81					.1	.2	.6	1.3	.6	1.1	.2	.2						41	41					
80/ 79				.2	.8	.9	.9	2.3	1.8	.8	.3							66	66					
78/ 77		.1	.1	.1	.9	.2	1.6	2.0	1.8	.6	.1							71	71					
76/ 75		.1	.8	.3	.8	1.3	1.7	.9	1.2	1.1	.8	.3	.2					87	87	2	1			
74/ 73		.1	.2	.9	1.0	1.1	1.3	1.8	1.2	.9	.3	.1						82	82	16	1			
72/ 71			1.2	.4	1.2	1.1	1.2	1.2	1.0	1.5	1.0	.2						92	92	28	5			
70/ 69				.6	1.0	1.2	1.0	1.3	1.4	.4		.1						65	65	39	12			
68/ 67		.4	.6	.6	1.1	.6	.6	2.0	2.7	.3	.1							86	86	64	22			
66/ 65		.3	.3	1.1	.4	.3	1.5	2.6	1.1	.3								74	74	77	28			
64/ 63		.2	.1	.2	.8	.8	2.0	1.3	.8	.6								60	60	108	28			
62/ 61		.2	.2	.3	.4	.1	.6	.4	1.0									31	31	73	38			
60/ 59			.6	.9	.4	.4	.6	.9	.2									38	38	88	64			
58/ 57		.4	.8	.1	.2	.8	.6	.3										30	30	44	59			
56/ 55		.1	.1			.2	.2	.4										10	10	74	64			
54/ 53		.2	.2	.1	.2	.3	.1	.1										12	12	90	64			
52/ 51	.2	.3			.1	.3	.2	.1										12	12	85	56			
50/ 49	.1	.3	.2	.5	.1	.1	.1											14	14	47	62			
48/ 47		.6					.1											7	7	32	39			
46/ 45		.2	.1															3	3	34	52			
44/ 43																				15	42			
42/ 41																				9	37			
40/ 39																				2	67			
38/ 37																				3	54			
36/ 35																					20			
34/ 33																					28			
32/ 31																					30			
30/ 29																					9			
28/ 27																					12			
26/ 25																					14			
24/ 23																					13			
Element (X)	Σ X ¹		Σ X		Σ		°		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

OCT
MONTH

0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

74-83

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PAGE 1 1500-1700
HOURS (L - S - T)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

OCT
MONTH

2100-2300

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723030 STATION POPE AFB NC STATION NAME 74-83 YEARS OCT MONTH
PAGE 1 ALL MONTHS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
90/ 89									.0	.1								7	7					
88/ 87								.0	.1	.0								14	14					
86/ 85						.0	.1	.1	.1	.0								26	26					
84/ 83					.0	.0	.1	.2	.2	.1	.1							67	67					
82/ 81					.0	.2	.2	.7	.2	.2	.1	.0						84	84					
80/ 79				.1	.1	.4	.4	.4	.4	.2	.1							160	160					
78/ 77		.0	.1	.1	.4	.2	.7	.0	.5	.2	.0							210	210		1			
76/ 75		.1	.4	.3	.3	.5	.6	.4	.3	.2	.2	.1	.0					246	246		8 2			
74/ 73		.2	.4	.6	.3	.6	.5	.4	.3	.2	.1	.0						280	280		42 5			
72/ 71	.0	.4	1.2	.6	.6	.5	.5	.3	.3	.3	.1	.1						369	369		116 26			
70/ 69	.0	.4	.9	.5	.7	.6	.4	.4	.4	.1	.1	.0						343	343		211 84			
68/ 67	.1	.7	1.1	.8	.9	.5	.4	.7	.5	.1	.0							432	432		277 141			
66/ 65	.1	1.7	1.2	1.1	.8	.3	.6	.8	.3	.1								509	510		385 214			
64/ 63	.0	1.4	1.3	1.1	.6	.7	.9	.5	.2	.1								505	505		522 253			
62/ 61		1.9	1.2	.9	.6	.5	.4	.2	.2									444	444		493 353			
60/ 59	.1	1.7	1.7	1.1	.6	.7	.3	.2	.1									498	498		532 416			
58/ 57	.1	1.7	1.9	.9	.5	.4	.2	.1	.0									439	439		473 455			
56/ 55	.1	2.3	1.5	.9	.6	.4	.2	.1										451	451		545 453			
54/ 53	.2	1.5	1.5	.6	.3	.3	.1	.0										343	343		653 509			
52/ 51	.2	1.8	1.4	.7	.3	.3	.1	.0										349	349		552 514			
50/ 49	.1	1.5	1.5	.8	.3	.1	.0											324	324		503 471			
48/ 47	.0	2.3	1.3	.6	.4	.0	.0											341	342		406 404			
46/ 45	.0	1.9	1.4	.3	.1	.0												277	277		444 427			
44/ 43	.0	1.4	1.0	.2	.0	.0												199	199		370 434			
42/ 41		1.2	.9	.1	.0													168	168		272 435			
40/ 39		1.1	.4	.1														122	122		222 476			
38/ 37		.9	.3	.1														91	91		146 371			
36/ 35		.7	.2	.0														68	68		99 274			
34/ 33		.4	.1															36	36		87 193			
32/ 31	.0	.3																25	25		40 228			
30/ 29		.1																11	11		28 82			
28/ 27		.1																4	4		10 89			
26/ 25																					1 63			
24/ 23																								
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ			
Rel. Hum.																								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 44 0-26-5 (OL A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

74-83

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PAGE 2

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HOURS (L.S.T.)

[illegible]

PSYCHROMETRIC SUMMARY

723030 POPE AFB NC

74-83

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PAGE 1 ~~0000-0200~~
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEARS

NOV
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81									.1									1	1		
80/ 79									.1									2	2		
78/ 77					.1				.1									2	2		
76/ 75			.1	.3	.1	.2	.2											9	9		
74/ 73			.4	.2	.1	.6	.2	.1		.1								16	16		
72/ 71		.2	.7	.3	.6			.2										18	18	2	
70/ 69		.6	.8	1.1	.7	.1	.1	.2	.1									33	33	13	3
68/ 67		.8	1.1	.9	.4	.4	.6											38	38	14	12
66/ 65	.2	2.0	.9	.6		.3	.6	.1										42	42	30	17
64/ 63	.1	1.3	.8	.8	.4	.8	.2	.3	.2									45	45	52	21
62/ 61		1.9	.8	.7	1.0	.2	.4	.1	.1									47	47	35	40
60/ 59	.2	1.1	.8	.6	.6	.7	.6	.7										46	46	35	36
58/ 57		1.6	1.3	.2	.4	1.1	.3	.4	.1									50	50	35	39
56/ 55		1.8	.9	1.0	1.7	1.0	.7											63	63	49	28
54/ 53	.1	.9	1.9	1.1	1.0	1.1	.7	.2										63	63	43	34
52/ 51		1.6	1.1	1.0	1.7	1.0	.8											64	64	40	32
50/ 49		1.6	2.0	1.1	1.9	.9	.1											68	68	56	33
48/ 47		1.7	1.6	1.4	1.1	1.2	.2											65	65	67	39
46/ 45		2.1	1.3	1.1	1.6	.8	.1											63	63	71	54
44/ 43	.1	1.2	1.3	1.7	1.3	.3	.1											55	55	80	38
42/ 41		.8	.9	1.6	.7	.2												37	37	68	58
40/ 39	.4	.2	.9	.3	.7	.1												24	24	60	48
38/ 37		.3	1.0	.7	.1													19	19	51	28
36/ 35		.2	.7	.1	.2													11	11	41	50
34/ 33		.2	.1	.1														4	4	24	48
32/ 31		.2	.1	.1														4	4	14	52
30/ 29			.3	.2														5	5	5	46
28/ 27			.2															2	2	6	35
26/ 25			.1															1	1	3	40
24/ 23																				2	14
22/ 21																				1	19
20/ 19																					14
18/ 17																					6
16/ 15																					2
Element (X)	Σ H'		Σ H		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.											≤ 8 F	≤ 32 F	≤ 67 F	≤ 72 F	≤ 80 F	≤ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM 0-26-5 (OL A) REVERSED MIRROR EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

PSYCHROMETRIC SUMMARY

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PAGE 2 ~~0300-0500~~
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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (P)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
14/ 13																					8
12/ 11																					2
10/ 9																					1
TOTAL	1.2	22.3	22.2	17.3	16.4	17.1	5.9	2.7	.8	.1									897		897
																			897		897

PSYCHROMETRIC SUMMARY

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PAGE 1 ~~0600-0000~~
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Temp. (F.)	WET BULB TEMPERATURE DEPRESSION (F.)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
88/ 87												.1						1	1						
86/ 85											.2	.1						3	3						
84/ 83											.1							3	3						
82/ 81								.1		.2								3	3						
80/ 79					.2	.6	.1	.4	.2									14	14						
78/ 77				.1	.3	.2	.6	.8	.2	.3								21	21						
76/ 75			.2	.8	.7	.7	.2	.3	.2	.2	.1							33	33						
74/ 73			.4	.4	1.0	1.6	1.3	.4	.4	.1	.3	.2						56	56						
72/ 71			.6	.7	1.7	.4	.6	.7	1.6	.2								56	56	10					
70/ 69		.7	1.1	.4	.7	.9	.8	1.5	.6	.1	.2							62	62	22					
68/ 67		.1	.6		.6	.4	.8	1.3	1.4	1.1	.1							51	51	25					
66/ 65	.3	.8	.6	.7	1.1	.6	.7	.7	1.1	.1	.2							63	63	57					
64/ 63		.4	.3	.4	.9	.3	.1	.4	1.1	.2								43	43	50					
62/ 61	.2	.2	.2	.6	.8	.4	1.5	1.3	.6	.2								54	54	31					
60/ 59		.8	.3	.4	.4	1.1	1.3	1.9	.4	.1								58	58	49					
58/ 57		.6	.3	.7	.6	1.1	1.3	1.2	.3									55	55	57					
56/ 55		.7	.2	.4	.2	2.3	1.9	1.4										60	60	59					
54/ 53	.2	.3	.7	.2	1.0	2.3	1.6	.4										62	63	43					
52/ 51	.1	1.2	.3	.3	.8	1.0	1.2	.2										47	47	43					
50/ 49		.8	.4	.3	1.0	2.0	1.1											49	49	85					
48/ 47		1.9			.4	1.0	.4											30	30	71					
46/ 45		.9	.1		.4	1.1	.4											27	27	85					
44/ 43		.2	.3		.3	.8	.1											16	16	50					
42/ 41	.1	.1	.2	.1	.1	.2												8	8	51					
40/ 39	.2	.2	.2		.4	.2												12	12	48					
38/ 37					.1													1	1	22					
36/ 35					.1													1	1	21					
34/ 33					.1													1	1	7					
32/ 31				.2														2	2	6					
30/ 29																				3					
28/ 27																				1					
26/ 25																				2					
24/ 23																									
22/ 21																									

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

PAGE 2 ~~0600-0800~~
HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

0900-1100
MORNING (L. & T.)

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

PAGE 2 0900-1100
HOURS (L.S.T.)

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PSYCHROMETRIC SUMMARY

723030 POPE AFB NC
STATION STATION NAME

74-83

YEARS

NOV
MONTH

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723030

POPE AFB NC

74-83

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point						
72/ 71		.3	.6			.1	.1											10	10			10				
70/ 69		1.1	1.1	.1	.2	.1	.1											25	25			25	4	2		
68/ 67		.9	1.1	.1	.1	.3												23	23			23	19	13		
66/ 65		.9	1.5	.7	.2													29	29			29	18	12		
64/ 63	.2	1.7	1.5	1.7		.1	.2											42	42			42	22	20		
62/ 61	.6	1.3	.8	.7	.2		.1											33	33			33	41	27		
60/ 59	.4	1.7	1.7	.6	.3	.2	.3		.1									48	48			48	39	32		
58/ 57	.4	2.8	.7	.2	.2	.4	.3	.1	.2									49	49			49	40	35		
56/ 55	.3	1.3	.6	.7	.6		.1											32	32			32	44	36		
54/ 53	.4	1.8	.6	.4		.8												36	36			36	35	39		
52/ 51	.6	2.1	1.7	.7	.7	.3	.1	.2										57	57			57	33	39		
50/ 49		2.5	1.3	1.2	.9													53	53			53	34	35		
48/ 47	.4	3.6	1.1	1.1	.9	.8												71	71			71	59	20		
46/ 45	.1	2.3	1.3	.9	1.3	.2	.1											57	57			57	58	47		
44/ 43	.3	1.7	1.8	2.1	.7													59	59			59	61	48		
42/ 41	.2	2.0	3.4	.9	.4													62	62			62	46	30		
40/ 39	.7	2.5	3.4	.3	.4													65	65			65	78	49		
38/ 37	.4	2.8	2.0	.4	.1													52	52			52	89	49		
36/ 35		1.9	1.0	.3	.1													30	30			30	58	52		
34/ 33	.1	1.0	.6	.1														16	16			16	40	49		
32/ 31	.3	.7	.7	.2														17	17			17	28	84		
30/ 29	.2	1.0	.4															15	15			15	17	58		
28/ 27	.1	.8	.2															10	10			10	13	35		
26/ 25		.3																3	3			3	15	19		
24/ 23																								10		
22/ 21																								22		
20/ 19																								14		
18/ 17																								11		
16/ 15																								2		
14/ 13																								4		
12/ 11																								1		
TOTAL	6.0	39.0	28.9	12.9	7.5	3.5	1.6	.3	.3									894				894		894		
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	5423426		68180		76.3		5.825		894		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 88 F		Σ 93 F		Total		90	
Dry Bulb	2276989		44093		49.3		0.700		894		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 88 F		Σ 93 F		Total		90	
Wet Bulb	1979448		40978		46.8		0.643		894		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 88 F		Σ 93 F		Total		90	
Dew Point	1691888		37214		43.6		2.646		894		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 88 F		Σ 93 F		Total		90	

FORM 0-26-5 (OLA) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEARS

NOV
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71		.2																2	2		
70/ 69		1.6	.4															18	18	2	1
68/ 67		1.1	.4		.2													16	16	18	10
66/ 65	.1	1.5	.6	.1	.3													23	23	18	17
64/ 63	.2	1.2	1.5	.1	.1													28	28	15	22
62/ 61	.4	2.0	.7	.6	.2	.1												36	36	21	12
60/ 59	.4	1.6	1.1	.1		.1	.1											31	31	39	22
58/ 57	.6	2.8	1.3	.2	.6		.3											52	52	34	40
56/ 55	.4	2.8	.8	.2				.1										39	39	48	35
54/ 53	.2	2.3	1.1	.1	.2	.2												38	38	38	33
52/ 51	.4	1.6	1.6	.4	.2	.2		.1										41	41	32	48
50/ 49	.3	2.7	1.0	.6	1.1		.3											54	54	41	27
48/ 47	.1	3.5	1.2	.8	1.2		.1											62	62	46	34
46/ 45	.6	2.0	1.8	.2	1.2													52	52	43	49
44/ 43	.4	1.8	1.3	2.9	.3													61	61	52	31
42/ 41	.2	3.0	.9	1.2	.3	.2												53	53	51	31
40/ 39	.6	3.5	1.9	.8	.4													64	64	65	34
38/ 37	.8	3.2	1.8	.1														50	50	73	54
36/ 35	.3	3.8	1.9	.4														58	58	66	41
34/ 33		3.6	1.1	.2	.1													45	45	71	40
32/ 31	.2	2.1	.2	.3														26	26	43	90
30/ 29	.8	.9	.5															16	16	33	79
28/ 27	.4	1.0	.1															14	14	18	42
26/ 25		.9	.1															9	9	13	25
24/ 23	.1	.4																5	5	12	15
22/ 21		.1																1	1	1	25
20/ 19																				1	20
18/ 17																					6
16/ 15																					9
14/ 13																					2
TOTAL	7.2	51.2	223.4	9.5	6.7	.9	.9	.2										894	894	894	894
Element (X)	Σg'		Σg		Σ	Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	5829885		71017		78.854.533	894		10 F		12 F		16 F		20 F		24 F		28 F		Total	
Dry Bulb	2077260		47982		87.858.885	894				7.1		3.6								90	
Wet Bulb	1898322		39552		84.850.962	894				12.2		2.0								90	
Dew Point	1678818		36288		80.852.788	894				37.5		1.7								90	

USAFETAC FORM 44 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

STATION NAME

74-83

YEARS

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MONTH

PAGE 1

2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
70/ 69		1.5	.3															16	16					
68/ 67		1.0	.3		.1													13	13	15	9			
66/ 65		1.5	.1	.2														16	16	17	13			
64/ 63	.1	1.8	1.1	.1														28	28	12	17			
62/ 61	.8	1.5	.6	.1														26	26	28	14			
60/ 59	.3	1.6	.8	.1														25	25	26	30			
58/ 57	.7	2.0	.8	.3		.3												37	37	28	23			
56/ 55	.7	3.6	.7	.1	.1													46	46	39	36			
54/ 53	.2	2.6	.7	.4	.2													37	37	38	39			
52/ 51	.6	2.9	.8	.1	.1	.1												41	41	36	43			
50/ 49	.2	3.1	1.3	.6	.2	.1												50	50	35	26			
48/ 47	.2	2.6	.4	.7	.7	.2												43	43	48	34			
46/ 45	.3	3.1	1.7	.7	.7	.2												60	60	41	38			
44/ 43	.4	1.7	.9	2.2	.2	.2												51	51	40	33			
42/ 41	.7	3.7	1.5	1.1	.2													64	64	44	35			
40/ 39	.9	3.5	1.5	.9	.3													63	63	74	33			
38/ 37	.6	3.6	1.6	.2														53	53	72	58			
36/ 35	.7	2.7	1.7	.6														50	50	63	50			
34/ 33		5.3	1.5	.1														61	61	53	37			
32/ 31	.8	4.3	1.3															57	57	78	78			
30/ 29	.6	1.0	.7															20	20	46	65			
28/ 27	.6	.7	.2															13	13	28	62			
26/ 25		.7	.1															7	7	12	35			
24/ 23	.2	.4																6	6	8	10			
22/ 21	.2	.9																10	10	9	33			
20/ 19		.1																1	1	3	25			
18/ 17																				1	10			
16/ 15																					5			
14/ 13																					2			
12/ 11																					1			
TOTAL	9.7	57.0	20.5	8.6	2.9	1.2												894	894	894	894			
Element (X)	Σ x ¹		Σ x		x̄	s _x	No. Obs.		Mean No. of Hours with Temperature							Total								
Rel. Hum.	6154137		73235		81.9	3.168	894		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	1931932		40358		45.1	1.101	894			11.5	2.9				90									
Wet Bulb	1749086		38266		42.8	1.158	894			18.6	1.5				90									
Dew Point	1553199		35489		39.7	2.716	894			32.8	.9				90									

USAFETAC
FORM 44
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC
STATION NAME

74-83
YEARS

NOV
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
88/ 87												.0						1	1					
86/ 85												.0	.1					7	7					
84/ 83												.0						3	3					
82/ 81							.0	.0	.0	.0								9	9					
80/ 79					.0	.1	.0	.1	.1	.0								28	28					
78/ 77				.0	.2	.0	.1	.2	.1	.0	.0							44	44					
76/ 75			.1	.2	.1	.3	.2	.1	.1	.1	.0	.0						79	79					
74/ 73			.2	.2	.2	.5	.3	.2	.1	.1	.1	.0						136	136					
72/ 71		.2	.4	.3	.4	.3	.2	.2	.3	.1	.0							162	162	20				
70/ 69		.9	.7	.8	.8	.2	.2	.3	.2	.1	.1							250	250	75	15			
68/ 67		.7	.9	.3	.4	.4	.3	.2	.3	.2	.0							269	269	136	102			
66/ 65	.1	1.2	.8	.5	.3	.3	.3	.2	.3	.1	.0							296	296	231	120			
64/ 63	.3	1.2	.8	.5	.3	.3	.2	.3	.3	.1								307	307	273	182			
62/ 61	.3	1.2	.6	.4	.4	.2	.4	.5	.2	.1								308	308	273	188			
60/ 59	.3	1.3	.9	.4	.3	.5	.5	.5	.1	.0								349	349	284	245			
58/ 57	.3	1.7	.9	.4	.5	.5	.6	.5	.1	.0								398	398	310	276			
56/ 55	.3	1.7	.7	.5	.5	.7	.5	.4	.0									379	379	369	275			
54/ 53	.3	1.8	1.0	.4	.4	.9	.5	.1	.0									395	396	313	290			
52/ 51	.3	2.0	1.0	.5	.7	.7	.5	.1										417	417	343	317			
50/ 49	.1	1.8	1.2	.7	.9	.8	.4	.0										420	420	419	275			
48/ 47	.1	2.6	.9	1.0	.9	.6	.2											448	448	449	251			
46/ 45	.2	1.8	1.1	.6	1.0	.5	.1											386	386	500	373			
44/ 43	.2	1.3	1.1	1.5	.5	.3	.1											360	360	453	290			
42/ 41	.2	1.8	1.4	.8	.3	.1												333	333	487	300			
40/ 39	.5	1.8	1.5	.4	.4	.1												336	336	515	320			
38/ 37	.3	1.8	1.2	.3	.1	.0												265	265	450	363			
36/ 35	.2	1.5	1.0	.2	.1													217	217	372	396			
34/ 33	.0	1.7	.7	.1	.1													191	191	275	352			
32/ 31	.2	1.4	.5	.2														165	165	248	578			
30/ 29	.2	.6	.4	.0														87	87	169	618			
28/ 27	.2	.5	.1															56	56	110	330			
26/ 25	.0	.3	.1															31	31	71	248			
24/ 23	.0	.2	.0															15	15	31	134			
22/ 21	.0	.2																17	17	17	196			
Element (X)	Σ x'		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

NOV

ALL

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

723 3D POPE AFB NC

73-82

DEC

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
70/69			.5															5	5					
68/67			.1															1	1					
66/65		.3	.5	.1														9	9	7				
64/63		.3		.1														8	8	3				
62/61	.3	1.4	.6															22	22	13				
60/59	.3	1.0	1.0															21	21	19				
58/57	.1	.8	.5	.1	.1													15	15	20				
56/55	.3	1.0	.5	.1														18	18	14				
54/53	.4	1.2	.8	.2														24	24	19				
52/51	.3	1.7	.8	.8														27	27	23				
50/49	.2	2.3	.9	.2	.8													40	40	21				
48/47	.5	1.5	.6	.8	.3													32	32	39				
46/45		1.8	1.4	.1	.2													33	33	20				
44/43	.2	2.0	1.8	.6	.8													88	88	38				
42/41	.1	4.0	1.9	.8	.3													66	66	45				
40/39	.8	2.4	2.3	.8	.3	.1												58	58	67				
38/37	.8	3.0	1.6	.5	.2													57	57	63				
36/35	.2	2.9	1.3	.9	.1													50	50	58				
34/33	.4	4.1	1.5	.2														58	58	67				
32/31	.2	4.7	3.7	.8														88	85	52				
30/29	.9	4.2	1.4	.9														68	68	73				
28/27	.3	3.6	1.9	.3														57	57	78				
26/25	.2	2.5	1.0	.3														37	37	51				
24/23	.1	1.0	.8	.1														15	15	55				
22/21	.5	1.1	.4															19	19	21				
20/19	.8	2.7	.8															33	33	25				
18/17	.2	1.6	.1															18	18	27				
16/15		.8	.1															8	8	18				
14/13		.1																1	1	7				
12/11																				1				
10/9																								
8/7																								
6/5																								
4/3																								
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

DEC

0000-0200
NOV 2 (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	= 31	D.B./W.S.	Dry Bulb	Wet Bulb	Dew Point			
77 / 1 E / -1																					3 1			
TOTAL	8.0	53.9	27.9	7.3	2.8	.1												928	929	928	928			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723030 POPE AFB NC

73-82

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.S./W.B.	Dry Bulb	Wet Bulb	Dew Point	
74/ 73					.2													2	2			
72/ 71			.2	.2	.2													6	6			
70/ 69			.2	.1	.2	.1												6	6			
68/ 67		.3	.5	.2		.1												11	11	6		
66/ 65		.4	.3	.2	.3													12	12	7	6	
64/ 63	.1	.8	.3	.5		.1		.1										18	18	15	10	
62/ 61	.3	1.8	.8	.4	.1		.1											33	33	15	16	
60/ 59	.1	.4	.6		.1		.1											13	13	27	18	
58/ 57		.9	.9	.3	.2	.3	.1		.1									26	26	20	17	
56/ 55	.5	.5	.4	.3	.5	.4	.2											28	28	23	17	
54/ 53	.2	1.5	.5	.5	.4	.3	.2											35	35	18	29	
52/ 51		1.5	.6	1.8	1.3	.8	.1											57	57	21	19	
50/ 49	.2	1.3	1.4	1.1	1.7	.5	.1											59	59	29	17	
48/ 47	.1	1.5	.6	1.7	2.3	.6	.1											65	65	39	21	
46/ 45	.2	1.3	1.7	1.9	1.5	.2	.2											66	66	55	24	
44/ 43		2.2	2.2	2.4	1.4	.5												80	80	47	24	
42/ 41	.4	2.6	2.9	1.0	1.0	.8												80	80	93	39	
40/ 39	.5	1.9	2.4	1.6	1.2	.6												76	76	89	47	
38/ 37	.2	2.2	1.6	1.1	1.0													56	56	89	60	
36/ 35	.3	1.0	1.4	1.7	1.1													49	49	59	62	
34/ 33	.1	.6	1.7	1.3	.5													40	40	57	55	
32/ 31	.3	.3	1.2	2.5	.5													45	45	51	45	
30/ 29	.1	.9	.9	.6	.1													24	24	43	43	
28/ 27		.5	.6	.5														16	16	47	42	
26/ 25		.6	.8	.2														15	15	34	41	
24/ 23		.4		.2														6	6	22	23	
22/ 21		.2	.1															3	3	16	29	
20/ 19		.2	.1															3	3	4	44	
18/ 17																				4	29	
16/ 15																					39	
14/ 13																					20	
12/ 11																					14	
10/ 9																					18	
8/ 7																					18	
Element (X)	Σ x ²		Σ x		Σ	Σ	Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																						
Dry Bulb																						
Wet Bulb																						
Dew Point																						
																Mean No. of Hours with Temperature						
																≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

PSYCHROMETRIC SUMMARY

723030

POPE AFB NC

73-82

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

723230
STATION

POPE AFB NC

STATION NAME

73-82

YEARS

DEC
MONTH

PAGE 1 0900-1100
MAY 1961 (S. I.)

15-00000-1111
MAY 19 1961

[illegible]

PSYCHROMETRIC SUMMARY

723030

POPE AFB NC

73-82

DEC

STATION

STATION NAME

YEARS

MON TUE

PAGE 2

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	D.S./V.B.	Dry Bulb	Wet Bulb	Dew Point	
8/ 7																					20	
6/ 5																					3	
4/ 3																					3	
2/ 1																					3	
-2/ -3																					1	
-4/ -5																					1	
TOTAL	1.5	14.4	9.4	11.0	17.8	21.9	13.0	7.1	2.9	.9	.1							930	930	930	930	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723030 STATION POPE AFB NC 73-82 YEARS DEC MONTH

PAGE 1 1200-1800 HOURS (L.T.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point					
70/ 69			.4	.2	.5	.2												13	13						
68/ 67		.1	.4	.5	.6													16	16						
66/ 65		.6	.3	.2	.3	.2												16	16	8					
64/ 63		.6	1.0	.1	.3	.2		.1										22	22	10	11				
62/ 61		1.1	1.1	.2	.3	.1												26	26	26	9				
60/ 59		.5	1.8		.5	.1												28	28	25	18				
58/ 57	.3	.5	.3	.3	.4	.5	.2											25	25	29	29				
56/ 55	.1	.9	.9	.6	.6	.3	.4	.1										37	37	20	27				
54/ 53	.2	1.6	1.4	1.1	.5	.4	.2	.1										52	52	24	21				
52/ 51	.1	.9	2.5	.5	.6	.5												48	48	34	24				
50/ 49	.2	2.2	1.0	.8	1.3	.2	.3	.1										56	56	37	25				
48/ 47	.4	2.7	1.3	1.5	2.0	.2	.8											80	80	63	30				
46/ 45	.2	2.6	1.1	1.6	1.1	.4	.1											66	66	57	52				
44/ 43		3.8	1.7	2.6	1.2	.5												91	91	62	46				
42/ 41		1.5	1.4	2.6	1.0	.8												67	67	83	46				
40/ 39	.1	1.1	2.0	1.5	1.3	.8												63	63	67	50				
38/ 37		.8	1.6	1.6	1.1	.3												50	50	61	43				
36/ 35		.5	1.8	1.2	1.3													45	45	58	33				
34/ 33	.1	.9	.8	.8	1.1													33	33	56	45				
32/ 31	.2	.4	1.5	2.3	.6													47	47	65	53				
30/ 29			1.7	1.0	.1													26	26	35	54				
28/ 27		.3	.9	.6														17	17	34	48				
26/ 25			.3	.1														4	4	49	33				
24/ 23			.1															1	1	18	17				
22/ 21			.1															1	1	6	30				
20/ 19																				2	47				
18/ 17																				1	28				
16/ 15																					25				
14/ 13																					30				
12/ 11																					26				
10/ 9																					14				
8/ 7																					9				
6/ 5																					4				
4/ 3																					2				
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.																									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

DEC

MONTH

1200-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

STATION NAME

73-82

YEARS

DEC
MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point					
70/ 69			.3															3	3						
68/ 67		.2	.4	.3	.3													11	11						
66/ 65		.4	.4	.2	.2													12	12	6	2				
64/ 63		1.1	.6	.1														17	17	7	5				
62/ 61	.1	1.4	1.3	.2	.1													29	29	23	13				
60/ 59		1.2	.6	.4	.2													23	23	25	15				
58/ 57		.6	.6	.5														17	17	21	23				
56/ 55	.3	1.0	.6	.5	.1													28	28	21	20				
54/ 53	.3	1.6	.9	.2	.6	.3	.1											38	38	22	19				
52/ 51		1.0	1.3	.3		.1	.3											28	28	25	29				
50/ 49	.2	2.6	1.3	.6	.3	.4	.8											58	58	28	22				
48/ 47	.1	2.8	.6	.9	1.6	.1	.1											58	58	88	26				
46/ 45	.2	2.9	1.6	1.4	.8	.1	.1											66	66	45	38				
44/ 43	.3	3.8	1.8	1.0	.5	.4												66	66	89	45				
42/ 41	.1	3.2	1.4	1.3	.8	.2												65	65	66	30				
40/ 39	.1	3.2	1.4	1.1	.5													59	59	80	83				
38/ 37	.2	2.0	1.7	1.3	.6													55	55	60	59				
36/ 35	.3	1.7	1.9	1.2	.8													55	55	60	86				
34/ 33	.6	1.3	2.7	.2	.9													53	53	53	47				
32/ 31	.1	2.7	3.1	1.3	.2													69	69	57	89				
30/ 29		1.9	2.2	.9														46	46	63	29				
28/ 27	.3	1.8	1.0	1.0														38	38	55	52				
26/ 25		1.2	1.2	.5														27	27	51	66				
24/ 23		.6	.8	.1														11	11	38	24				
22/ 21		.1	.2															3	3	18	45				
20/ 19		.1	.2															3	3	10	59				
18/ 17																				2	33				
16/ 15																				1	23				
14/ 13																					8				
12/ 11																					22				
10/ 9																					16				
8/ 7																					14				
6/ 5																					4				
4/ 3																					2				
Element (X)	ΣH^1		ΣH		\bar{H}	σ_H	No. Obs.		Mean No. of Hours with Temperature							Total									
Rel. Hum.									$\leq 6 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$											
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC

FORM 0-26-5 (OLA)
AS 14

REPLACES PREVIOUS EDITIONS OF THIS FORM AND CALCULATE

PSYCHROMETRIC SUMMARY

DEC

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
Σ / 1																					2
TOTAL	3.4	39.7	29.6	15.6	8.6	1.7	1.4											930	930	930	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC
STATION NAME

73-82
YEARS

DEC
MONTH

PAGE 1

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	
70/ 69			.2															2	2		
68/ 67			.4															8	8	1	
66/ 65			.6	.1	.3													10	10	2	
64/ 63		.6	.8	.4														17	17	3	
62/ 61	.2	.6	1.4	.2														23	23	10	
60/ 59	.2	1.2	.6	.2				.1										22	22	13	
58/ 57		1.2	.4	.2														17	17	15	
56/ 55	.2	1.6	.5															22	22	29	
54/ 53	.4	1.4	.9		.2		.1											28	28	24	
52/ 51	.2	1.4	.9	.1	.1													25	25	30	
50/ 49	.2	1.4	2.3	.6	.4	.2	.3											51	51	17	
48/ 47	.4	1.2	.8	.9	.9													37	37	27	
46/ 45		2.7	1.0	1.4	.2	.1												50	50	16	
44/ 43	.3	3.0	2.0	1.4	.1	.2												66	66	38	
42/ 41	.2	3.2	2.2	.9	.4	.3												67	67	35	
40/ 39	.4	2.7	1.2	.5	.6													51	51	25	
38/ 37	.4	3.2	1.7	1.4	.1													64	64	61	
36/ 35	.5	2.6	1.3	1.8	.1													59	59	54	
34/ 33	.3	2.3	1.5	.6	.1													45	45	56	
32/ 31	.3	6.0	1.8	1.1	.2													88	88	62	
30/ 29	.3	2.8	2.5	.4														56	56	36	
28/ 27	.3	3.5	.5	.5														46	46	41	
26/ 25	.3	1.2	1.1															24	24	68	
24/ 23		1.0	.9															17	17	31	
22/ 21	.1	1.3	.8															20	20	48	
20/ 19		1.3	.3															15	15	63	
18/ 17		.2																2	2	28	
16/ 15	.1	.1																2	2	25	
14/ 13																				23	
12/ 11																				16	
10/ 9																				16	
8/ 7																				12	
6/ 5																				3	
4/ 3																				3	
Element (X)	Σ H ¹		Σ H		Σ	No. Obs.		Mean No. of Hours with Temperature												Total	
Rel. Hum.								≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F								
Dry Bulb																					
Wet Bulb																					
Dew Point																					

U.S. GOVERNMENT PRINTING OFFICE: 1973 O-26-5 (OL A)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

DEC
MENTAL

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

723030
STATION

POPE AFB NC

73-82

DEC

PAGE 2

2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

~~DEC~~

HOURLY CHART

[illegible]

PSYCHROMETRIC SUMMARY

DEC

015

ALL

ALL
MEMBERS (L. E. V.)

[illegible]

PSYCHROMETRIC SUMMARY

723030 POPE AFB NC

73-83



STATION

STATION NAME

YEARS

NOTES

PAGE 1

HOURS (L.S.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
06/105														.0				1	1					
04/103													.0	.0	.0			13	13					
12/101												.0	.0	.0	.0			19	19					
10/ 99											.0	.0	.0	.0	.0			50	50					
98/ 97								.0	.0	.0	.0	.0	.0	.0	.0			109	109					
96/ 95							.0	.0	.1	.1	.1	.0	.0	.0	.0	.0		260	260					
94/ 93						.0	.0	.1	.2	.2	.1	.0	.0	.0	.0	.0		539	539					
92/ 91					.0	.0	.1	.2	.3	.2	.1	.0	.0	.0	.0	.0		808	809					
90/ 89			.0	.0	.0	.1	.2	.5	.3	.2	.1	.1	.0	.0	.0			1222	1223					
88/ 87		.0	.0	.0	.0	.3	.5	.4	.3	.1	.1	.0	.0	.0	.0			1568	1568					
86/ 85		.0	.0	.0	.2	.5	.4	.4	.2	.2	.1	.0	.0	.0	.0			1963	1964	2				
84/ 83		.0	.0	.2	.4	.5	.5	.3	.2	.2	.1	.0	.0	.0	.0			2260	2261	23				
82/ 81	.0	.0	.1	.5	.6	.6	.4	.3	.2	.1	.1	.0	.0	.0	.0			2556	2556	95				
80/ 79	.0	.1	.4	.8	.6	.5	.3	.3	.2	.1	.1	.0	.0	.0	.0			3041	3043	573				
78/ 77	.0	.2	.9	.9	.7	.3	.3	.3	.2	.1	.1	.0	.0	.0	.0			3694	3695	1800				
76/ 75	.0	.6	1.3	.9	.5	.4	.3	.3	.2	.1	.1	.0	.0	.0	.0			4215	4217	3402				
74/ 73	.2	1.1	1.3	.9	.4	.3	.3	.2	.2	.1	.1	.0	.0					4448	4448	5201				
72/ 71	.2	1.1	1.4	.5	.4	.3	.3	.2	.2	.1	.1	.0	.0					4222	4222	5258				
70/ 69	.2	.9	1.3	.5	.5	.3	.2	.2	.2	.1	.1	.0						3864	3864	5081				
68/ 67	.1	.8	1.2	.6	.4	.3	.2	.2	.2	.1	.0	.0						3683	3684	4364				
66/ 65	.1	1.1	.8	.6	.4	.2	.2	.2	.2	.1	.0							3533	3535	4058				
64/ 63	.1	1.0	.8	.6	.3	.3	.2	.2	.2	.1	.0							3309	3312	4027				
62/ 61	.1	1.0	.8	.5	.3	.2	.2	.2	.1	.0								3128	3131	3907				
60/ 59	.1	.9	.9	.4	.3	.3	.2	.3	.1	.0								3074	3074	3635				
58/ 57	.1	.9	.8	.4	.3	.3	.3	.2	.1	.0								2814	2815	3345				
56/ 55	.1	.8	.6	.4	.3	.3	.3	.2	.0	.0								2664	2667	3306				
54/ 53	.1	.8	.7	.4	.3	.3	.2	.1	.0									2555	2558	3073				
52/ 51	.1	.7	.7	.4	.4	.3	.2	.1	.0									2530	2530	2852				
50/ 49	.1	.8	.7	.4	.4	.3	.2	.1										2621	2622	2897				
48/ 47	.1	1.0	.6	.5	.5	.3	.2	.0																

PSYCHROMETRIC SUMMARY

YEAR

ALL
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
38/ 37	.1	.9	.5	.3	.2	.1	.0											1988	1988	2716	2557			
36/ 35	.1	.8	.5	.4	.3	.1												1835	1835	2400	2514			
34/ 33	.1	.8	.5	.2	.2	.0												1613	1614	2168	2443			
32/ 31	.1	.9	.5	.4	.2													1833	1836	1915	3347			
30/ 29	.1	.5	.4	.2	.0													1029	1031	1782	2163			
28/ 27	.0	.4	.2	.2	.0													766	767	1398	1943			
26/ 25	.0	.3	.2	.1	.0													530	530	1229	1864			
24/ 23	.0	.2	.1	.0														263	264	828	1069			
22/ 21	.0	.2	.1	.0														349	349	499	1503			
20/ 19	.0	.3	.1	.0														374	374	405	1671			
18/ 17	.0	.1	.0	.0														146	146	327	977			
16/ 15	.0	.1	.0	.0														69	69	171	930			
14/ 13	.0	.0	.0															46	46	79	828			
12/ 11	.0	.0	.0															21	21	44	715			
10/ 9	.0	.0																6	6	19	552			
8/ 7		.0																3	3	8	455			
6/ 5		.0																2	2	3	208			
4/ 3																				2	214			
2/ 1																					176			
0/ -1																					105			
-2/ -3																					31			
-4/ -5																					11			
-6/ -7																					16			
-8/ -9																					21			
-10/-11																					1			
-12/-13																					1			
-14/-15																					3			
-16/-17																					4			
-18/-19																					5			
-20/-21																					2			
-22/-23																					3			
TOTAL	2.6	22.9	21.0	13.9	10.5	8.3	6.5	5.4	3.9	2.5	1.4	.6	.3	.1	.0	.0		87596		87558				
																		87558		87558				
Element (X)	Σx^2	Σx	Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.	430929168	5886704	67.220	037	87558	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total												
Dry Bulb	384375325	5360449	61.2	7.341	87596		843.7	3855.6	2678.1	1293.7	99.1	8760												
Wet Bulb	283872609	4795768	54.6	8.448	87568			876.5	2581.4	114.2	27.3	8760												
Dew Point	237734835	6283507	48.9	7.939	87558	20.3	881.5	1798.8	359.1	2.5		8760												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

723030

POPE AFB NC

73-83

STATION		STATION NAME												YEARS	
HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
00-02	MEAN	34.5	37.2	45.7	54.2	63.8	70.2	74.3	72.7	66.2	52.5	45.0	38.1	54.6	
	S.D.	11.897	11.539	10.481	9.622	7.669	6.341	4.794	5.241	7.490	9.530	11.213	11.614	16.733	
	TOTAL OBS	930	846	930	899	929	900	930	930	900	930	897	929	10950	
03-05	MEAN	40.1	44.9	54.7	64.9	73.0	78.7	82.7	81.4	74.8	63.4	54.0	44.6	63.2	
	S.D.	10.982	11.767	10.332	9.005	7.386	6.327	5.237	5.724	6.965	8.533	10.117	10.323	17.039	
	TOTAL OBS	930	846	930	900	930	900	930	930	898	930	897	930	10950	
06-08	MEAN	46.3	51.7	61.1	70.8	78.1	83.3	87.3	86.2	80.2	70.1	61.1	51.5	69.0	
	S.D.	11.013	12.640	11.286	9.573	7.643	6.631	5.805	6.154	7.329	8.651	10.148	10.318	16.582	
	TOTAL OBS	930	846	930	900	929	900	930	930	897	930	897	929	10948	
09-11	MEAN	47.8	53.7	62.7	72.2	79.0	83.8	87.0	85.8	80.4	70.2	61.1	52.0	69.7	
	S.D.	11.146	12.402	11.312	9.578	7.632	6.916	6.253	6.531	7.415	8.458	9.944	10.101	16.197	
	TOTAL OBS	930	845	930	900	929	900	930	930	900	930	897	930	10950	
12-14	MEAN	42.7	48.2	57.5	67.1	73.9	79.4	82.5	81.0	74.1	61.8	53.4	45.9	64.0	
	S.D.	10.512	11.579	10.623	9.272	7.327	6.447	5.838	6.077	7.286	8.780	9.899	10.094	16.359	
	TOTAL OBS	930	846	930	900	930	900	930	929	900	930	895	930	10950	
15-17	MEAN	39.2	43.8	52.9	59.9	67.2	73.2	77.4	76.1	69.3	56.6	49.3	42.3	58.9	
	S.D.	11.242	11.548	10.483	9.374	7.079	6.330	4.725	5.328	7.107	9.261	10.700	10.784	15.917	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	894	930	10980	
18-20	MEAN	37.1	40.7	48.9	55.9	63.9	70.0	74.5	73.4	66.9	53.7	47.0	40.4	56.7	
	S.D.	11.598	11.578	10.456	9.583	7.388	6.372	4.579	5.278	7.388	9.552	10.889	11.185	15.850	
	TOTAL OBS	930	845	930	900	929	900	930	930	897	930	894	930	10947	
21-23	MEAN	35.4	38.5	46.3	52.9	60.7	67.7	71.7	70.4	63.3	51.8	45.1	38.8	54.0	
	S.D.	11.914	11.498	10.678	9.773	7.898	6.607	4.643	5.268	7.641	9.670	11.102	11.487	15.915	
	TOTAL OBS	930	846	930	900	930	900	930	930	897	930	894	930	10947	
ALL HOURS	MEAN	40.4	44.5	53.4	62.2	70.2	75.8	79.8	78.5	72.2	60.3	52.0	44.2	61.2	
	S.D.	12.178	12.399	11.380	9.830	7.848	6.785	5.587	7.924	9.292	11.477	12.189	11.856	17.342	
	TOTAL OBS	7990	6744	7980	7299	7936	7280	7440	7539	7397	7490	7145	7438	87596	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

723030 POPE AFB NC

73-83

STATION		STATION NAME												YEARS	
HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
00-02	MEAN	32.1	34.4	42.5	48.7	56.9	66.4	74.5	69.1	63.4	49.8	42.7	38.7	51.4	
	S.D.	11.858	11.325	10.293	9.602	7.895	6.254	4.898	4.908	7.583	9.461	11.281	14.522	16.389	
	TOTAL OBS	930	844	930	899	929	900	929	930	900	929	897	928	10945	
03-05	MEAN	35.9	39.3	47.6	54.9	63.9	69.7	73.8	72.9	67.6	56.2	48.5	40.2	56.0	
	S.D.	10.747	11.042	9.686	8.616	7.153	5.554	3.955	4.257	6.446	8.140	10.063	10.455	15.485	
	TOTAL OBS	930	842	929	899	930	900	927	929	897	930	897	930	10940	
06-08	MEAN	39.5	42.9	50.5	56.9	65.6	70.7	74.5	73.7	69.1	58.6	51.7	44.1	58.2	
	S.D.	10.457	10.820	9.439	8.122	6.792	5.306	3.862	4.000	6.235	7.818	9.605	10.090	14.420	
	TOTAL OBS	928	843	930	900	929	900	929	930	897	929	896	929	10940	
09-11	MEAN	40.4	44.0	52.1	57.2	65.7	70.7	74.3	73.2	68.9	58.5	51.6	44.4	58.4	
	S.D.	10.390	10.451	9.025	7.485	6.427	4.939	3.752	3.868	5.990	7.643	9.384	9.993	13.991	
	TOTAL OBS	930	842	929	900	929	900	930	930	899	930	897	930	10946	
12-14	MEAN	37.7	41.2	48.9	55.2	64.3	69.6	73.4	72.1	67.4	55.8	48.3	41.3	56.3	
	S.D.	10.518	10.306	9.015	7.837	6.334	5.024	3.629	3.883	6.111	8.147	9.956	10.372	14.673	
	TOTAL OBS	930	844	929	900	930	900	930	929	900	930	895	930	10947	
15-17	MEAN	35.5	38.4	46.4	52.8	62.0	67.8	72.1	70.8	65.5	52.9	45.8	39.0	54.2	
	S.D.	11.102	10.765	9.633	8.640	6.732	5.446	3.700	4.184	6.676	8.878	10.643	10.846	15.265	
	TOTAL OBS	930	843	930	900	930	900	930	930	900	930	894	930	10947	
18-20	MEAN	34.1	36.8	44.6	50.8	60.2	66.2	70.8	69.6	64.0	50.7	44.1	37.5	52.9	
	S.D.	11.421	10.993	10.240	9.269	7.358	6.132	4.029	4.535	7.282	9.340	10.962	11.076	19.580	
	TOTAL OBS	930	845	929	900	929	899	930	930	899	930	894	930	10945	
21-23	MEAN	32.9	35.1	43.8	48.9	58.9	64.9	69.4	68.4	62.7	49.2	42.8	36.3	51.2	
	S.D.	11.699	11.448	10.455	9.684	6.887	6.620	4.373	5.836	7.702	9.540	11.150	11.423	15.809	
	TOTAL OBS	930	846	930	900	930	900	929	930	897	930	899	930	10948	
ALL HOURS	MEAN	36.8	39.8	48.8	53.1	62.4	68.2	72.4	71.2	66.8	54.8	46.9	39.8	54.8	
	S.D.	11.380	11.352	10.283	9.237	7.888	6.840	4.842	4.741	7.128	9.344	10.942	11.163	15.444	
	TOTAL OBS	7438	6799	7936	7292	7926	7189	7329	7938	7129	7438	7169	7937	87858	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

723030 POPE AFB NC

73-83

STATION		STATION NAME												YEARS	
HRS. (L.S.T.)			JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN		27.1	29.2	30.1	35.1	57.1	64.1	68.5	67.2	61.5	47.2	39.7	31.5	48.1
	S. D.		14.172	13.604	12.394	11.729	8.997	7.003	4.892	5.504	8.365	10.384	12.768	13.576	18.090
	TOTAL OBS		930	844	930	899	929	900	929	930	900	929	897	928	10949
03-05	MEAN		28.5	30.9	39.2	45.3	57.6	64.6	69.5	68.7	63.2	49.9	42.3	33.6	49.5
	S. D.		14.659	14.375	13.399	12.068	10.148	7.431	5.194	5.369	8.309	10.590	13.071	13.791	18.220
	TOTAL OBS		930	842	929	899	930	900	927	929	897	930	897	930	10940
06-08	MEAN		28.6	31.0	30.8	44.2	57.1	63.7	68.5	67.6	62.6	49.0	41.7	34.0	49.0
	S. D.		15.622	14.810	13.781	12.772	10.321	7.663	5.462	5.498	8.651	11.270	13.899	14.865	18.222
	TOTAL OBS		928	843	930	900	929	900	929	930	897	929	896	929	10940
09-11	MEAN		28.8	30.9	38.5	43.5	56.8	63.6	68.2	66.9	62.2	48.6	41.3	33.9	48.7
	S. D.		15.812	14.838	13.569	12.609	10.209	7.454	5.550	5.682	8.553	11.414	13.906	15.264	18.152
	TOTAL OBS		930	842	929	900	929	900	930	930	899	930	897	930	10946
12-14	MEAN		29.1	31.3	39.2	44.8	57.6	64.8	68.9	67.6	63.3	50.7	42.4	34.5	49.5
	S. D.		15.833	14.838	12.891	12.185	9.286	7.273	5.029	5.270	7.343	9.892	12.886	14.127	17.700
	TOTAL OBS		930	844	929	900	930	900	930	929	900	930	895	930	10947
15-17	MEAN		28.9	31.5	40.0	46.8	58.4	64.6	69.5	68.2	63.2	49.6	41.6	33.6	49.7
	S. D.		14.527	13.151	12.131	11.294	8.044	6.509	4.218	4.749	7.276	9.887	12.646	13.723	17.583
	TOTAL OBS		930	843	930	900	930	900	930	930	900	930	894	930	10947
18-20	MEAN		28.2	30.6	39.4	45.6	57.6	64.0	68.9	67.6	62.1	47.9	40.8	32.8	48.9
	S. D.		14.537	13.138	12.497	11.458	8.439	6.940	4.405	4.931	7.916	10.259	12.748	13.390	17.696
	TOTAL OBS		930	845	929	900	929	899	930	930	899	930	894	930	10949
21-23	MEAN		27.6	29.8	38.6	44.6	58.8	65.2	68.8	66.7	61.0	46.7	39.7	32.0	48.0
	S. D.		14.447	13.268	12.448	11.267	8.968	7.288	4.745	5.539	8.389	10.426	12.716	13.491	17.751
	TOTAL OBS		930	846	930	900	930	900	929	930	899	930	894	930	10949
ALL HOURS	MEAN		28.4	30.6	39.6	44.8	57.4	64.8	68.7	67.6	62.4	48.7	41.2	33.2	48.9
	S. D.		14.887	13.908	12.874	12.103	9.349	7.209	4.988	5.387	8.133	10.603	13.122	14.070	17.939
	TOTAL OBS		7438	6749	7436	7436	7936	7436	7436	7438	7438	7436	7436	7437	87558

USAF ETAC FORM 0-69-5 (OLA)
OCT 73

1
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723030
STATION

POPE AFB NC
STATION NAME

74-83
PERIOD

JAN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	99.9	99.8	98.5	92.4	82.4	68.0	41.2	13.9	75.4	930
	03-05	100.0	99.9	97.5	88.4	73.3	58.5	44.4	26.7	9.5	65.4	930
	06-08	100.0	98.9	84.4	63.5	47.0	36.9	27.0	16.3	5.5	53.8	928
	09-11	100.0	98.4	80.6	59.4	44.4	32.2	25.2	17.7	5.7	51.9	930
	12-14	100.0	99.7	95.2	80.3	64.7	50.2	36.7	23.7	7.8	61.6	930
	15-17	100.0	99.9	98.5	92.4	78.5	67.2	50.5	30.0	9.6	68.6	930
	18-20	100.0	100.0	99.5	93.8	84.3	73.8	59.5	36.7	11.2	71.5	930
	21-23	100.0	100.0	99.9	97.5	89.5	78.8	65.9	40.2	13.8	74.2	930
TOTALS		100.0	99.6	94.4	84.2	71.8	60.0	47.2	29.1	9.6	65.3	7438

RELATIVE HUMIDITY

723030
STATION

POPE AFB NC

STATION NAME

74-83

PERIOD

FEB
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.9	98.3	94.0	89.7	62.2	38.0	10.2	73.8	844
	03-05	100.0	99.8	96.6	84.2	64.6	47.7	31.7	19.4	5.6	60.6	842
	06-08	100.0	98.1	78.9	56.3	36.1	25.5	19.0	12.0	3.2	48.7	843
	09-11	100.0	95.7	71.0	48.0	30.9	22.3	18.8	12.1	3.3	45.8	842
	12-14	100.0	99.3	90.6	72.4	53.2	36.0	23.5	15.2	4.5	55.2	844
	15-17	100.0	99.9	98.6	91.9	78.3	61.8	41.4	22.5	5.3	65.7	843
	18-20	100.0	100.0	99.8	96.0	84.6	73.3	56.1	31.6	6.6	70.4	845
	21-23	100.0	100.0	99.9	98.0	91.3	78.6	61.6	37.7	9.2	73.1	846
TOTALS		100.0	99.1	91.9	80.6	66.6	53.2	39.3	23.6	6.0	61.7	6749

USAFETACFORM
11-64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723030
STATION

POPE AFB NC

STATION NAME

74-83

PERIOD

MAR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	99.1	92.9	82.8	67.2	45.6	13.5	75.7	930
	03-05	100.0	99.7	94.3	78.7	59.0	44.8	29.9	17.8	5.3	58.7	929
	06-08	100.0	96.7	75.1	51.1	35.6	26.3	18.8	12.5	4.2	47.8	930
	09-11	100.0	93.6	65.2	43.5	33.5	24.9	18.7	12.7	2.9	45.4	929
	12-14	100.0	98.5	86.1	67.2	50.1	36.3	26.7	17.7	4.7	54.4	929
	15-17	100.0	99.8	98.1	91.0	77.7	61.4	42.7	24.9	7.6	66.0	930
	18-20	100.0	100.0	99.4	94.6	86.9	73.4	58.0	34.8	9.5	71.5	929
	21-23	100.0	100.0	99.7	97.5	92.9	82.4	68.7	44.6	13.3	75.7	930
TOTALS		100.0	98.5	89.7	77.8	66.1	54.0	41.3	26.3	7.6	61.9	7436

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723030
STATION

POPE AFB NC

STATION NAME

74-83

PERIOD

APR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	99.7	97.4	90.3	79.1	60.7	32.7	8.5	72.5	899
	03-05	100.0	99.3	88.4	66.0	45.3	30.9	18.0	8.9	1.8	51.6	899
	06-08	100.0	95.4	66.9	42.4	25.0	16.7	8.4	4.6	1.2	41.6	900
	09-11	100.0	89.9	57.4	36.2	21.6	14.0	9.1	5.8	2.1	39.1	900
	12-14	100.0	96.6	77.4	55.6	35.7	22.1	14.3	8.8	2.9	46.9	900
	15-17	100.0	99.7	96.6	89.6	74.8	53.3	31.7	16.0	4.8	62.4	900
	18-20	100.0	100.0	98.7	96.1	86.4	73.4	50.7	27.2	7.2	70.0	900
	21-23	100.0	100.0	99.4	97.8	92.3	83.4	67.1	37.0	10.1	74.6	900
TOTALS		100.0	97.6	85.6	72.6	58.9	46.5	32.5	17.6	4.8	57.3	7198

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

MAY

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	99.5	97.4	91.1	79.1	55.3	15.0	79.4	929
	03-05	100.0	99.5	96.3	88.0	71.5	52.8	29.8	12.9	2.3	60.7	930
	06-08	100.0	99.1	89.2	70.1	50.8	25.0	13.0	5.5	1.2	50.9	929
	09-11	100.0	98.5	85.6	65.2	43.1	23.7	14.0	6.1	1.5	49.2	929
	12-14	100.0	99.9	94.8	82.9	66.6	46.8	29.1	13.5	3.1	59.2	930
	15-17	100.0	100.0	100.0	99.2	94.6	84.2	62.5	37.7	9.4	74.5	930
	18-20	100.0	100.0	100.0	99.8	98.6	93.0	80.6	58.9	15.4	80.5	929
	21-23	100.0	100.0	100.0	99.5	98.8	98.1	90.5	72.8	22.8	84.3	930
TOTALS		100.0	99.7	95.7	88.0	77.7	64.3	49.8	32.8	8.8	67.3	7436

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

JUN
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	99.9	99.6	95.7	82.3	57.6	21.3	81.5	900
	03-05	100.0	100.0	99.9	95.9	79.2	53.4	32.8	13.8	3.3	63.4	900
	06-08	100.0	99.9	97.0	79.8	52.0	28.2	12.9	5.6	1.9	53.5	900
	09-11	100.0	100.0	95.6	74.3	46.3	28.1	17.7	10.0	2.2	53.0	900
	12-14	100.0	100.0	98.6	89.7	70.2	48.0	30.2	17.9	5.0	61.5	900
	15-17	100.0	100.0	100.0	99.4	96.7	85.9	64.9	38.9	12.0	75.4	900
	18-20	100.0	100.0	100.0	100.0	99.0	95.3	83.5	61.2	21.2	81.8	899
	21-23	100.0	100.0	100.0	100.0	99.9	98.6	92.8	75.2	29.6	85.9	900
TOTALS		100.0	100.0	98.9	92.4	80.4	66.7	52.1	35.0	12.1	69.5	7199

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723030
STATION

POPE AFB NC
STATION NAME

74-83
PERIOD

JUL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	99.9	98.2	89.1	62.3	16.6	82.4	929
	03-05	100.0	100.0	100.0	98.5	87.4	62.0	34.6	12.5	1.8	65.3	927
	06-08	100.0	100.0	98.8	88.3	58.6	29.2	12.7	4.0	1.0	54.9	929
	09-11	100.0	100.0	97.7	84.8	56.9	31.3	17.0	7.7	1.3	55.3	930
	12-14	100.0	100.0	99.6	95.7	82.2	59.0	38.5	17.8	3.8	65.1	930
	15-17	100.0	100.0	100.0	100.0	98.9	92.8	75.4	42.2	6.7	77.1	930
	18-20	100.0	100.0	100.0	100.0	100.0	98.7	91.6	63.0	16.0	82.6	930
	21-23	100.0	100.0	100.0	100.0	100.0	99.4	96.9	75.8	25.2	85.6	929
TOTALS		100.0	100.0	99.5	95.9	85.5	71.3	57.0	35.7	9.1	71.0	7434

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723030
STATION

POPE AFB NC

STATION NAME

74-83

PERIOD

AUG
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	99.5	98.6	39.8	66.3	20.9	83.4	930
	03-05	100.0	100.0	100.0	98.8	89.5	65.0	38.0	15.1	3.1	66.5	929
	06-08	100.0	100.0	99.6	86.9	59.6	30.2	12.4	5.4	1.7	55.3	930
	09-11	100.0	100.0	98.3	82.3	55.3	31.3	16.7	8.2	2.8	55.3	930
	12-14	100.0	100.0	99.9	95.4	81.1	57.3	39.4	19.2	5.2	65.5	929
	15-17	100.0	100.0	100.0	100.0	98.9	90.2	71.6	42.6	10.4	77.2	930
	18-20	100.0	100.0	100.0	100.0	100.0	98.0	86.0	60.4	16.6	82.2	930
	21-23	100.0	100.0	100.0	100.0	99.4	98.8	92.4	75.1	27.4	85.4	930
TOTALS		100.0	100.0	99.7	95.4	85.4	71.2	55.8	36.5	11.0	71.4	7438

USAFETAC

FORM
AA 84

0-87-5 (OL A)

RELATIVE HUMIDITY

SEP

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	98.2	92.0	74.2	23.1	84.7	900
	03-05	100.0	100.0	100.0	97.0	88.3	68.3	45.4	23.0	5.8	68.5	897
	06-08	100.0	100.0	98.8	83.6	60.2	35.0	21.7	9.1	3.0	56.8	897
	09-11	100.0	100.0	96.8	81.2	56.8	34.4	21.5	11.0	3.4	56.0	899
	12-14	100.0	100.0	99.9	98.0	90.6	74.0	51.1	25.7	6.2	70.3	900
	15-17	100.0	100.0	100.0	99.8	99.4	96.8	87.1	56.7	14.9	81.2	900
	18-20	100.0	100.0	100.0	99.9	99.7	98.1	94.4	72.1	22.6	84.7	899
	21-23	100.0	100.0	100.8	100.0	100.0	98.7	95.4	78.0	27.1	85.9	899
TOTALS		100.0	100.0	99.4	94.9	86.9	78.4	63.6	43.7	13.3	73.5	7191

FORM
NIA 44

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723030
STATION

POPE AFB NC

STATION NAME

74-83

PERIOD

OCT
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	99.6	96.6	87.9	62.0	19.2	82.4	929
	03-05	100.0	99.9	98.9	92.0	75.5	55.2	35.1	15.6	3.9	63.3	930
	06-08	100.0	99.1	90.4	64.6	40.2	22.6	13.2	6.7	1.3	49.5	929
	09-11	100.0	98.7	87.5	61.8	38.3	23.9	13.3	7.0	1.1	48.8	930
	12-14	100.0	100.0	99.6	97.5	85.7	68.3	47.1	22.6	3.5	68.3	930
	15-17	100.0	100.0	99.9	99.5	97.0	91.2	76.9	48.1	9.6	78.0	930
	18-20	100.0	100.0	100.0	99.9	98.9	93.7	84.4	62.0	16.5	81.2	930
	21-23	100.0	100.0	100.0	100.0	99.6	97.2	88.7	65.2	20.4	83.0	930
TOTALS		100.0	99.7	97.0	89.4	79.4	68.6	55.8	36.2	9.4	69.3	7438

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723030

POPE AFB NC

74-83

NOV

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.8	98.1	93.6	83.2	64.3	26.5	82.4	897
	03-05	100.0	100.0	98.4	90.9	75.5	61.0	45.3	28.5	10.3	66.7	897
	06-08	100.0	99.2	87.6	62.4	44.1	31.9	21.4	14.7	5.7	52.3	896
	09-11	100.0	98.8	86.5	60.0	43.6	30.2	22.3	15.3	5.9	51.8	897
	12-14	100.0	100.0	98.4	92.4	81.5	66.5	47.9	28.2	11.5	68.5	895
	15-17	100.0	100.0	99.4	97.7	90.5	82.2	69.2	46.8	17.2	76.3	894
	18-20	100.0	100.0	99.6	98.9	94.3	87.6	76.8	56.9	22.4	79.4	894
	21-23	100.0	100.0	100.0	99.2	97.5	90.5	81.4	65.4	26.3	81.9	894
TOTALS		100.0	99.8	96.2	87.7	78.1	67.9	55.9	40.0	15.7	69.9	7164

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723030
STATION

POPE AFB NC
STATION NAME

73-82
PERIOD

DEC
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	99.1	94.8	87.0	73.1	47.7	15.3	77.6	928
	03-05	100.0	100.0	99.0	92.5	78.4	61.5	44.9	28.2	9.5	67.1	930
	06-08	100.0	99.7	87.6	66.8	49.9	36.5	27.1	16.7	6.5	54.7	929
	09-11	100.0	98.6	85.1	63.2	47.7	35.6	26.0	17.6	7.3	53.8	930
	12-14	100.0	99.9	98.2	90.0	78.1	61.4	44.3	28.3	8.7	66.5	930
	15-17	100.0	100.0	99.4	95.3	87.3	75.7	58.9	39.1	12.3	72.3	930
	18-20	100.0	100.0	99.8	98.1	91.3	81.6	68.7	43.2	15.4	75.6	930
	21-23	100.0	100.0	100.0	98.6	94.9	87.5	71.5	46.0	15.8	77.3	930
TOTALS		100.0	99.8	96.1	88.0	77.8	65.9	51.8	33.4	11.4	68.1	7437

USAFETAC

FORM
AA 04

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.

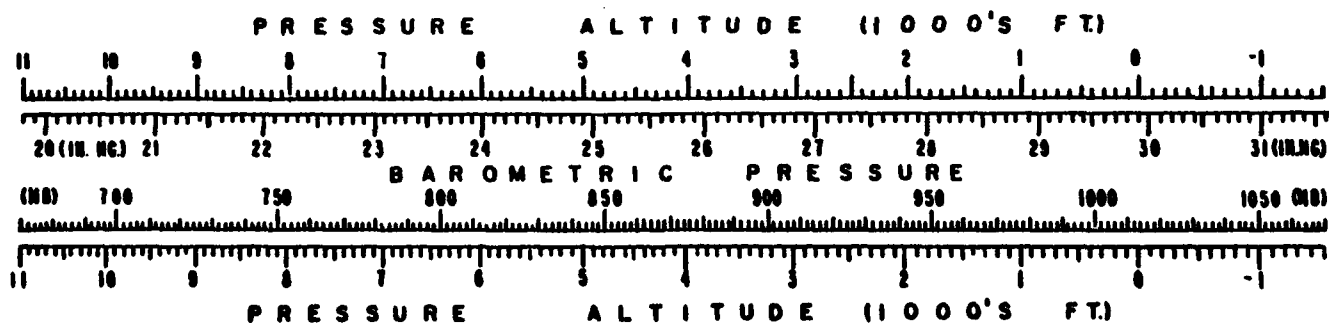
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
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MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

723030 POPE AFB NC

73-83

STATION		STATION NAME												YEARS	
HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
01	MEAN	29.867	29.859	29.802	29.814	29.767	29.787	29.804	29.836	29.825	29.886	29.879	29.886	29.834	
	S.D.	.236	.235	.228	.286	.139	.129	.110	.098	.127	.176	.186	.233	.186	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	299	310	3651	
04	MEAN	29.902	29.886	29.819	29.822	29.775	29.793	29.813	29.851	29.840	29.907	29.902	29.919	29.852	
	S.D.	.239	.238	.238	.210	.141	.130	.110	.099	.129	.179	.191	.234	.191	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	299	310	3651	
07	MEAN	29.838	29.833	29.771	29.777	29.748	29.765	29.787	29.819	29.802	29.855	29.843	29.856	29.807	
	S.D.	.236	.237	.236	.204	.139	.132	.110	.098	.127	.175	.187	.230	.186	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	299	310	3651	
10	MEAN	29.815	29.791	29.726	29.729	29.708	29.728	29.750	29.777	29.763	29.827	29.819	29.834	29.772	
	S.D.	.232	.232	.225	.197	.135	.131	.111	.096	.125	.171	.182	.226	.184	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	299	310	3651	
13	MEAN	29.801	29.819	29.748	29.741	29.707	29.735	29.754	29.787	29.776	29.850	29.846	29.858	29.788	
	S.D.	.232	.227	.212	.190	.130	.126	.109	.092	.122	.169	.180	.226	.184	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	298	310	3650	
16	MEAN	29.858	29.843	29.783	29.788	29.744	29.770	29.789	29.821	29.805	29.876	29.863	29.874	29.817	
	S.D.	.234	.224	.206	.189	.129	.127	.107	.094	.121	.167	.180	.226	.179	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	298	310	3650	
19	MEAN	29.849	29.848	29.780	29.788	29.736	29.764	29.783	29.817	29.799	29.870	29.854	29.865	29.811	
	S.D.	.235	.227	.208	.192	.130	.129	.109	.095	.124	.167	.185	.229	.180	
	TOTAL OBS	310	282	300	300	310	300	310	310	300	310	298	310	3650	
22	MEAN	29.848	29.831	29.767	29.776	29.732	29.750	29.776	29.806	29.790	29.865	29.849	29.866	29.809	
	S.D.	.239	.228	.214	.198	.133	.129	.108	.097	.125	.170	.187	.229	.183	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	298	310	3650	
ALL HOURS	MEAN	29.852	29.838	29.778	29.783	29.738	29.762	29.782	29.814	29.800	29.867	29.857	29.870	29.813	
	S.D.	.236	.232	.223	.200	.137	.130	.113	.099	.127	.173	.186	.230	.188	
	TOTAL OBS	2980	2284	2980	2900	2980	2900	2980	2980	2980	2980	2388	2980	29200	

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GLOBAL CLIMATOLOGY BRANCH
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MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HRS FROM HOURLY OBSERVATIONS

723030

POPE AFB NC

73-83

STATION	STATION NAME	YEARS												
HRS. (L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
01	MEAN S.D. TOTAL OBS	1019.7 8.162 310	1019.4 8.129 282	1017.3 7.875 310	1017.7 7.893 300	1016.1 4.790 310	1016.7 4.492 300	1017.3 3.807 310	1018.4 3.374 310	1018.0 4.401 300	1020.2 6.074 310	1020.0 6.424 299	1020.4 8.007 310	1018.4 6.433 3651
04	MEAN S.D. TOTAL OBS	1020.9 8.223 310	1020.3 8.215 282	1018.8 8.193 310	1018.8 7.243 300	1016.3 4.885 310	1016.9 4.505 300	1017.6 3.785 310	1018.9 3.402 310	1016.6 4.464 300	1020.9 6.160 310	1020.8 6.553 299	1021.5 8.043 310	1019.1 6.591 3651
07	MEAN S.D. TOTAL OBS	1018.8 8.188 310	1018.5 8.169 282	1016.3 8.143 310	1016.4 7.083 300	1015.2 4.842 310	1015.9 4.569 300	1016.7 3.821 310	1017.8 3.360 310	1017.3 4.438 300	1019.1 6.061 310	1018.4 6.475 299	1019.3 7.936 310	1017.5 6.458 3651
10	MEAN S.D. TOTAL OBS	1017.9 8.022 310	1017.1 8.026 282	1014.7 7.793 310	1014.8 6.863 300	1013.7 4.724 310	1014.7 4.612 300	1015.4 3.865 310	1016.4 3.339 310	1015.9 4.375 300	1018.2 5.962 310	1018.0 6.314 299	1018.5 7.800 310	1016.3 6.381 3651
13	MEAN S.D. TOTAL OBS	1018.9 8.011 310	1018.8 7.828 282	1015.5 7.363 310	1015.2 6.612 300	1014.0 4.536 310	1014.9 4.390 300	1015.6 3.777 310	1016.7 3.203 310	1016.4 4.257 300	1019.0 5.851 310	1018.9 6.213 298	1019.4 7.784 310	1016.9 6.296 3651
16	MEAN S.D. TOTAL OBS	1019.4 8.093 310	1018.8 7.719 282	1016.7 7.148 310	1016.6 6.829 300	1015.3 4.473 310	1016.1 4.428 300	1016.7 3.712 309	1017.9 3.207 310	1017.4 4.199 300	1019.9 5.759 310	1019.8 6.197 298	1019.9 7.797 310	1017.8 6.182 3649
19	MEAN S.D. TOTAL OBS	1019.1 8.147 310	1018.7 7.832 282	1016.4 7.229 310	1016.6 6.647 300	1015.8 4.532 310	1015.9 4.496 300	1016.6 3.773 310	1017.7 3.269 310	1017.2 4.313 300	1019.7 5.781 310	1019.2 6.375 298	1019.6 7.890 310	1017.7 6.253 3650
22	MEAN S.D. TOTAL OBS	1019.8 8.257 310	1018.4 7.862 282	1016.1 7.424 310	1016.4 6.868 300	1014.9 4.615 310	1015.7 4.500 300	1016.3 3.753 310	1017.4 3.346 310	1016.9 4.382 300	1019.5 5.894 310	1019.0 6.457 298	1019.7 7.924 310	1017.4 6.354 3650
ALL HOURS	MEAN S.D. TOTAL OBS	1019.7 8.166 2980	1019.6 8.012 2286	1016.4 7.703 2480	1016.8 6.938 2480	1015.1 4.747 2980	1015.9 4.581 2980	1016.5 3.849 2879	1017.7 3.399 2980	1017.2 4.421 2980	1019.5 5.988 2980	1019.3 6.418 2388	1019.8 7.928 2980	1017.4 6.420 29203

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